

| 电压调整率 | 10% | 15% | 20% | 25% | 30% |
|------------|-------------------|-----------|---------|----------------|------|
| EI 28×11.5 | 0.29 | 0.7 | 0.98 | 1.15 | 1.6 |
| EI 35×11.5 | 0.7 | 1.15 | 1.7 | 2.1 | 2.5 |
| EI 35×13.5 | 0.75 | 1.3 | 1.9 | 2.5 | 3 |
| EI 35×15.5 | 1.2 | 1.9 | 2.6 | 3.5 | 4 |
| | 10% | 15% | 20% | 25% | 30% |
| EI 41×13.5 | 2.2 | 3.5 | 4.5 | 6.2 | 7 |
| EI 41×16.5 | 3 | 5 | 6.7 | 8.5 | 9.5 |
| EI 41×20 | 4.7 | 6.8 | 9.5 | 11 | 13.2 |
| EI 41×24.5 | 5.8 | 8.7 | 13.2 | 15 | |
| EI 41×26.5 | 7.2 | 11 | 14 | 16.8 | 19 |
| | 10% | 15% | 20% | 25% | |
| EI 48×16 | 5 | 8 | 10.5 | 12.5 | |
| EI 48×21 | 8.1 | 13.3 | 15.5 | 18(22%) | |
| EI 48×23.5 | 9 | 15 | 20 | | |
| EI 48×26.5 | 11.3 | 18 | 23 | | |
| EI 48×30.5 | 13 | 22 | 26(18%) | | |
| EI 48×34 | 17.5 | 25.5 | 28(16%) | | |
| EI 48×40 | 22 | 30.5 | | | |
| | 10% | 15% | 20% | | |
| EI 54×18 | 10 | 13.5 | 16(18%) | | |
| EI 54×22 | 12 | 18 | | | |
| EI 54×25 | 14 | 25(13.5%) | | | |
| | 10% | 15% | 20% | | |
| EI 57×19 | 13 | 20.5 | 24 | | |
| EI 57×22 | 15.5 | 25 | | | |
| EI 57×25 | 20 | 29 | | | |
| EI 57×30 | 26 | 38 | | | |
| | | | | 注: | |
| | | | | 1. 频率: 50Hz. | |
| EI 66×28 | 37(B=1.55 T) | | | 材料: H-50 0.5mm | |
| EI 66×32 | 48(B=1.55 T) | | | P15/50<6.6瓦、公斤 | |
| EI 66×36 | 56(B=1.55 T) | | | 2. 除说明外, 负载 | |
| EI 66×45 | 63(B=1.55 T) | | | 磁通密度1.55 T | |
| | | | | 可保证1.1倍电源过 | |
| EI 76×24 | 46(B=1.55 T,10%) | | | 电压要求。 | |
| EI 76×26 | 50(B=1.55 T,10%) | | | | |
| EI 76×35.5 | 68(B=1.48 T,10%) | | | | |
| EI 76×40.5 | 80(B=1.48 T,10%) | | | | |
| EI 76×42.5 | 85(B=1.48 T,8.7%) | | | | |
| EI 76×50.5 | 97(B=1.42 T,8%) | | | | |
| EI 76×56.5 | 106(B=1.4 T,8%) | | | | |

电源变压器 初级 100V~120V 50/60 Hz

| 铁心规格 | 迭厚 | 输出电压 (AC) | 输出电流 (mA) | 功率 (W) | 铁重 (g) | 初级铜重 (g) | 次级铜重 (g) |
|-------|------|--------------|--------------|-----------|--------|------------|----------|
| EI-28 | 11.5 | 1.5~24V | 50~300 | 1.2 | 46 | Φ0.07/6.6 | 8.0 |
| | 18 | 1.5~24V | 50~500 | 3.0 | 71 | Φ0.09/10.5 | 12.0 |
| EI-35 | 11.5 | 3.0~24V | 100~500 | 3.0 | 67 | Φ0.09/11 | 13.0 |
| | 13.5 | 3.0~24V | 100~700 | 4.0 | 79 | Φ0.10/14.7 | 16.0 |
| | 15 | 3.0~24V | 150~900 | 5.0 | 88 | Φ0.11/16.2 | 18.0 |
| EI-41 | 14 | 3.0~24V | 200~1100 | 7.0 | 115 | Φ0.13/18.5 | 19.5 |
| | 17 | 3.0~24V | 200~1300 | 9.0 | 140 | Φ0.14/21 | 22.5 |
| | 20.5 | 4.5~28V | 300~1500 | 11.0 | 169 | Φ0.16/22.5 | 24.0 |
| | 26.5 | 4.5~28V | 300~2000 | 15.0 | 218 | Φ0.18/26 | 30.0 |
| EI-48 | 18.5 | 4.5~28V | 300~2000 | 15.0 | 227 | Φ0.19/25 | 26.0 |
| | 20.5 | 4.5~28V | 300~2500 | 18.0 | 249 | Φ0.20/26 | 28.0 |
| | 23.5 | 6~32V | 500~2500 | 21.0 | 285 | Φ0.21/27 | 31.0 |
| | 25.5 | 6~32V | 500~2700 | 23.0 | 309 | Φ0.23/35 | 37.0 |
| | 30 | 6~32V | 500~3000 | 25.0 | 365 | Φ0.25/40 | 39.0 |
| EI-57 | 19 | 6~32V | 500~3000 | 25.0 | 327 | Φ0.27/37 | 36.5 |
| | 24.5 | 9~36V | 500~3000 | 30.0 | 422 | Φ0.29/42 | 47.0 |
| | 30 | 9~36V | 700~3500 | 35.0 | 517 | Φ0.31/48 | 55.0 |
| | 35 | 9~36V | 700~4000 | 40.0 | 604 | Φ0.35/57 | 68.0 |
| EI-66 | 22 | 9~36V | 700~4000 | 40.0 | 506 | Φ0.35/65 | 70.0 |
| | 28 | 9~40V | 900~4000 | 50.0 | 643 | Φ0.37/77 | 75.0 |
| | 32 | 9~40V | 900~4000 | 60.0 | 735 | Φ0.40/85 | 80.0 |
| | 36 | 9~40V | 1000~5000 | 70.0 | 840 | Φ0.45/100 | 95.0 |

这是一个很粗糙的设计参数,此表数据较整齐,有编造痕迹,使用时要注意,仅供参考

| | 标准输出功率 | 最大输出功率 | 磁通密度 | 电流密度 | 电压调整率(%) |
|---------|--------|--------|-----------|---------|----------|
| EI-28 | 1.3 | 3.0 | 1.65-1.75 | 5.0-6.5 | 40-45 |
| EI-35 | 2.5 | 4.5 | 1.60-1.70 | 4.5-5.5 | 35-40 |
| EI-41 | 4.5 | 10 | 1.55-1.65 | 4.0-5.0 | 30-35 |
| EI-48 | 12 | 22 | 1.45-1.60 | 3.5-4.5 | 25-30 |
| EI-54 | 14 | 32 | 1.45-1.57 | 3.0-4.0 | 20-25 |
| EI-57 | 18 | 50 | 1.40-1.55 | 3.0-3.5 | 15-20 |
| EI-60 | 20 | 70 | 1.40-1.55 | 2.0-2.5 | 15-20 |
| EI-66 | 40 | 150 | 1.35-1.50 | 2.0-2.5 | 10-15 |
| EI-76.2 | 80 | 300 | 1.30-1.48 | 2.0-2.3 | 10-12 |
| EI-85.8 | 120 | 350 | 1.25-1.45 | 1.7-2.0 | 8-10 |
| EI-96 | 300 | 500 | ----- | 1.5-1.8 | 5-8 |
| EI-105 | 400 | 600 | | 1.2-1.5 | 4-5 |
| EI-114 | | | | 1.0-1.3 | 2-3 |

| 铁心尺寸 | 磁通 | 输出功 | 铁心尺寸 | 磁通 | 输出功 |
|--------------|------|------|-------------|------|------|
| 2006—06 | 密度 | 率(瓦) | | 密度 | 率(瓦) |
| EI 76.2×24 | 1.55 | 60 | EI 105×65 | 1.4 | 230 |
| EI 76.2×33 | 1.55 | 75 | EI 105×50 | 1.4 | 270 |
| EI 76.2×33.5 | 1.55 | 83 | | | |
| EI 76.2×40.5 | 1.55 | 90 | EI 114×40 | 1.4 | 220 |
| EI 76.2×42.5 | 1.55 | 95 | EI 114×50 | 1.35 | 250 |
| EI 76.2×50.5 | 1.55 | 105 | EI 114×60 | 1.3 | 300 |
| EI 76.2×56.5 | 1.55 | 120 | EI 114×70 | 1.25 | 350 |
| EI 85.8×42 | 1.55 | 115 | EI 114×80 | 1.2 | 380 |
| EI 85.8×45 | 1.55 | 120 | | | |
| EI 85.8×50 | 1.55 | 130 | EI 133.2×52 | 1.2 | 345 |
| EI 85.8×57 | 1.55 | 145 | EI 133.2×55 | 1.25 | 360 |
| | | | EI 133.2×60 | 1.25 | 390 |
| EI 96×30 | 1.55 | 125 | EI 133.2×65 | 1.2 | 420 |
| EI 96×40 | 1.5 | 145 | EI 133.2×70 | 1.2 | 440 |
| EI 96×45 | 1.45 | 160 | EI 133.2×75 | 1.15 | 460 |
| EI 96×50 | 1.45 | 180 | EI 133.2×80 | 1.15 | 480 |
| EI 96×55 | 1.45 | 200 | EI 133.2×85 | 1.13 | 500 |
| EI 96×60 | 1.45 | 215 | | | |
| EI 96×65 | 1.4 | 225 | | | |

| 铁心型号 | 功率 | 铁心型号 | 功率 | 铁心型号 | 功率 |
|------------|------|------------|------|-----------|-----|
| EI 28×11.5 | 1.6 | EI 57×32 | 27 | EI 96×32 | 110 |
| | | EI 57×35 | 34 | EI 96×40 | 135 |
| EI 35×10 | 2.2 | | | EI 96×45 | 140 |
| EI 35×13.5 | 3.2 | EI 66×22 | 35.5 | EI 96×50 | 155 |
| EI 35×15 | 3.5 | EI 66×28 | 41 | EI 96×55 | 165 |
| EI 35×18 | 4.8 | EI 66×33 | 49 | EI 96×65 | 190 |
| | | EI 66×44 | 62 | | |
| EI 41×15 | 6.5 | | | EI 105×38 | 170 |
| EI 41×20 | 8 | EI 76.2×25 | 56 | EI 105×50 | 205 |
| EI 41×25 | 11 | EI 76.2×35 | 70 | EI 105×56 | 230 |
| | | EI 76.2×40 | 80 | | |
| EI 48×18 | 10 | EI 76.2×50 | 90 | EI 114×40 | 200 |
| EI 48×20 | 12 | EI 76.2×65 | 105 | EI 114×50 | 215 |
| EI 48×24 | 15.3 | | | EI 114×60 | 260 |
| EI 48×30 | 18 | EI 85.8×28 | 78 | EI 114×70 | 320 |
| | | EI 85.8×40 | 105 | | |
| EI 57×19 | 20 | EI 85.8×45 | 115 | | |
| EI 57×24 | 25 | EI 85.8×53 | 130 | | |

表1

| 铁心型号(肩宽 mm) | 标准输出功率(VA) | 最大输出功率(VA) |
|-------------|------------|------------|
| EI28 | 1.3 | 3.0 |
| EI35 | 2.5 | 4.5 |
| EI41 | 4.5 | 10 |
| EI48 | 12 | 22 |
| EI54 | 14 | 32 |
| EI57 | 18 | 50 |
| EI60 | 20 | 70 |
| EI66 | 40 | 150 |
| EI76 | 80 | 300 |
| E85 | 120 | 350 |
| EI96 | 300 | 500 |
| EI105 | 400 | 600 |

表2

| | | | | | |
|--------|-----------|-----------|-----------|-----------|-----------|
| 铁心型号 | EI28 | EI35 | EI41 | EI48 | EI54 |
| 最大磁通密度 | 16.5~17.5 | 16~17.0 | 15.5~16.5 | 14.5~16.0 | 14.5~15.7 |
| 铁心型号 | EI57 | EI60 | EI66 | EI76 | EI83 |
| 最大磁通密度 | 14.0~15.5 | 14.0~15.5 | 13.5~15.0 | 13.0~14.8 | 12.5~14.5 |

表3

| | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|
| 铁心型号 | EI28 | EI35 | EI41 | EI48 | E54 | EI60 |
| 调整率(%) | 40~45 | 40~35 | 35~30 | 30~25 | 25~20 | 20~15 |
| 铁心型号 | EI66 | EI76 | EI85 | EI96 | EI105 | EI114 |
| 调整率(%) | 15~10 | 12~10 | 10~8 | 8~5 | 5~4 | 3~2 |

表4

| | | | | | | |
|------------------------------|-------|---------|-------|---------|---------|---------|
| 铁心型号 | EI28 | EI35 | EI41 | EI48 | E54 | EI60 |
| 电流密度 (A/mm ²) | 5~6.5 | 4.5~5.5 | 4~5 | 3.5~4.5 | 3~4 | 2.5~3.5 |
| 铁心型号 | EI66 | EI76 | EI85 | EI96 | EI105 | EI114 |
| 电流密度 (A/mm ²) | 2~2.5 | 2~2.3 | 1.7~2 | 1.5~1.8 | 1.2~1.5 | 1~1.3 |

EI 型变压器设计可行性参考表

[作者: [≡≡](#) 来源: [网络](#) 点击数: 8 更新时间: 2008-2-21 文章录入: [Admin](#)]

【字体: 】

EI 型变压器设计可行性参考表一 (220V/50-60Hz)

| 铁芯型号 | 输入 绕组 数 | 输出 绕组 数 | 输出 功率 W | 温升℃ | 电压调 整率 $\Delta U\%$ | 绝缘电阻 M Ω 500VDC | 抗电强度 VAC/MIN | 引出方式 | 输出电 压 V |
|------------|---------------|---------------|---------------|-----|---------------------------|------------------------------|-----------------|-------------|------------|
| EI35×1 0 | 1 | 1 | 1.18 | ≤20 | 30 | ≥500 | 1500 | 插针式 引线 式 | ≤150 |
| EI35×1 3.5 | | | 1.74 | ≤25 | | | | | |
| EI35×1 5 | | | 2.19 | ≤28 | | | | | |
| EI35×18 | | | 3.11 | ≤35 | | | | | |
| EI41×1 5 | 1 | 1 | 4.2 | ≤35 | 30 | ≥500 | 1500 | 插针式 引线 式 | ≤300 |
| EI41×20 | | | 7.68 | ≤50 | | | | | |
| EI41×2 5 | | | 9 | ≤60 | | | | | |
| EI48×18 | 1 | 1-2 | 8 | ≤50 | 30 | ≥500 | 2000 | 插针式 引线 式 | ≤500 |
| EI48×2 0 | | | 11 | ≤55 | 30 | | | | |
| EI48×24 | | | 15.3 | ≤60 | 29.2 | | | | |
| EI48×30 | | | 20 | ≤60 | 26 | | | | |
| EI57×19 | 1 | 1-2 | 19 | ≤60 | 26.1 | ≥500 | 2000 | 插针式 引线 式 | |
| EI57×24 | | | 25 | | 22.1 | | | | |
| EI57×30 | | | 28 | | 19 | | | | |
| EI57×35 | | | 38 | | 17 | | | | |
| EI66×22 | 1 | 1-3 | 34.2 | ≤60 | 19.4 | ≥500 | 2000 | 插针式 引线 式 | |
| EI66×28 | | | 44.5 | | 16.2 | | | | |
| EI66×3 3 | | | 52.2 | | 14.5 | | | | |

| EI6644 | | | 70.8 | | 11.9 | | | | | |
|-----------------------------------|---------------|---------------|---------------|-----|-------------------|----------------------|-----------------|-------------|------------|--|
| EI76.2×25 | 1 | 1-3 | 56 | ≤60 | 14.6 | ≥1000 | 2000 | 引线式 接线端子 | | |
| EI76.2×35 | | | 70 | | 12 | | | | | |
| EI76.2×40 | | | 90 | | 10.2 | | | | | |
| EI76.2×50 | | | 111 | | 8.76 | | | | | |
| EI76.2×65 | | | 130 | | 8 | | | | | |
| EI 型变压器设计可行性参考表二 (220V/50-60Hz) | | | | | | | | | | |
| 铁芯型号 | 输入 绕组 数 | 输出 绕组 数 | 输出 功率 W | 温升℃ | 电压调 整率 ΔU % | 绝缘电阻 MΩ 500VDC | 抗电强度 VAC/MIN | 引出方式 | 输出电 压 V | |
| EI86×28 | 1-2 | 1-3 | 80 | ≤65 | ≤10 | ≥1000 | 2000 | 引线式 接线端子 | | |
| EI86×40 | | | 110 | | | | | | | |
| EI86×45 | | | 120 | | | | | | | |
| EI86×53 | | | 140 | | | | | | | |
| EI96×32 | 1-2 | 1-3 | 95 | ≤65 | ≤10 | ≥1000 | 2000 | 引线式 接线端子 | | |
| EI96×40 | | | 120 | | | | | | | |
| EI96×45 | | | 130 | | | | | | | |
| EI96×50 | | | 140 | | | | | | | |
| EI96×55 | | | 150 | | | | | | | |
| EI96×65 | | | 190 | | | | | | | |
| EI105×38 | 1-2 | 1-3 | 160 | ≤65 | ≤10 | ≥1000 | 2000 | 接线端子 | | |
| EI105×50 | | | 210 | | | | | | | |
| EI105×56 | | | 230 | | | | | | | |
| EI114×40 | 1-2 | 1-4 | 170 | ≤70 | ≤10 | ≥1000 | 2000 | 接线端子 | | |
| EI114×50 | | | 210 | | | | | | | |
| EI114×60 | | | 250 | | | | | | | |

| | | | | | | | | | | |
|----------|--|--|-----|--|--|--|--|--|--|--|
| EI114×70 | | | 300 | | | | | | | |
| | | | | | | | | | | |

表格说明：

1. 输入二个绕组是指两独立绕组,若绕组需要抽头,则应放大功率档次.
2. 次极绕组若多于表中规定值,也应提高功率档次,但绕组数最多不要超过八组.
3. 当工作电压小于 250V 时,抗电强度按表中规定值,当工作电压大于 250V 时,抗电强度值按国家标准,其大小为 $2U+1000V$.(除非另有特殊要求).
4. 当输出电压大于 500V 时,应顺次提高功率档次,
5. 此表为以最低成本要求变压器设计,以电压调整率最大为 30%或最高温升为设计依据。如需要同时满足电压调整率及温升，则应提高功率档次。

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 50Hz | | | | |
|------------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-28 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | Cm ² | cm | kg | Cm ² | mm | mm | mm | Cm ² | cm | kg | Cm ² | |
| EI-28×8 | 0.608 | 5.86 | 0.0296 | 15.68 | 6.6 | 4.55 | 37 | 0.265 | 5.13 | 0.0121 | 13.31 | 1.3 |
| 10 | 0.760 | | 0.0370 | 17.80 | | | 41 | 0.268 | 5.53 | 0.0132 | | |
| 13 | 0.988 | | 0.0481 | 20.98 | | | 47 | 0.277 | 6.13 | 0.0151 | | |
| 16 | 1.216 | | 0.0592 | 24.16 | | | 53 | 0.280 | 6.73 | 0.0168 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|---------|-------------------|----------------|----------------|----------------------|-------------------|----|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | NP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-28×8 | 0.54 | 1.70 | 12 | 7.8 | 3.56 | 30 | 15.5 | 1.45 | 5.6 | 0.326 | 0.214 |
| 10 | 0.83 | | | | 4.07 | | 19.0 | | | 0.470 | 0.268 |
| 13 | 1.35 | | | | 4.69 | | 24.1 | | | 0.728 | 0.348 |
| 16 | 1.90 | | | | 5.18 | | 28.4 | | | 1.001 | 0.428 |
| EI-28×8 | 0.66 | 1.70 | 12 | 7.8 | 4.65 | 40 | 21.0 | 1.36 | 4.5 | 0.568 | 0.190 |
| 10 | 0.98 | | | | 5.30 | | 26.0 | | | 0.815 | 0.237 |
| 13 | 1.57 | | | | 6.06 | | 33.2 | | | 1.254 | 0.308 |
| 16 | 2.18 | | | | 6.65 | | 39.2 | | | 1.715 | 0.379 |
| EI-28×8 | 0.70 | 1.70 | 12 | 7.8 | 5.68 | 50 | 27.4 | 1.28 | 3.8 | 0.867 | 0.167 |
| 10 | 1.02 | | | | 6.44 | | 34.0 | | | 1.238 | 0.208 |
| 13 | 1.61 | | | | 7.31 | | 43.5 | | | 1.893 | 0.271 |
| 16 | 2.23 | | | | 7.99 | | 51.4 | | | 2.575 | 0.334 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|---------|-------------------|----------------|----------------|----------------------|-------------------|----|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | AP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-28×8 | 0.58 | 1.70 | 9 | 6.5 | 3.56 | 30 | 14.9 | 1.45 | 3.7 | 0.326 | 0.178 |
| 10 | 0.87 | | | | 4.08 | | 18.3 | | | 0.471 | 0.223 |
| 13 | 1.41 | | | | 4.70 | | 23.3 | | | 0.730 | 0.290 |
| 16 | 1.98 | | | | 5.20 | | 27.4 | | | 1.005 | 0.357 |
| EI-28×8 | 0.69 | 1.70 | 9 | 6.5 | 4.66 | 40 | 20.5 | 1.36 | 3 | 0.569 | 0.158 |
| 10 | 1.02 | | | | 5.31 | | 25.4 | | | 0.817 | 0.198 |
| 13 | 1.62 | | | | 6.07 | | 32.5 | | | 1.257 | 0.257 |
| 16 | 2.25 | | | | 6.67 | | 38.4 | | | 1.720 | 0.316 |
| EI-28×8 | 0.73 | 1.70 | 9 | 6.5 | 5.69 | 50 | 27.0 | 1.28 | 2.4 | 0.868 | 0.139 |
| 10 | 1.06 | | | | 6.45 | | 33.5 | | | 1.241 | 0.174 |
| 13 | 1.66 | | | | 7.33 | | 42.9 | | | 1.897 | 0.226 |
| 16 | 2.29 | | | | 8.01 | | 50.8 | | | 2.580 | 0.278 |

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 50Hz | | | | |
|------------------------|---------------|-------|--------|---------------|--------|------------|-------|---------------|-------|--------|---------------|------------|
| | | | | | EI-35 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | α_m |
| $L \times b$ | Cm^2 | cm | kg | Cm^2 | mm | mm | mm | Cm^2 | cm | kg | Cm^2 | |
| EI-35×10 | 0.912 | 6.81 | 0.0546 | 23.8 | 7.25 | 5.8 | 46.8 | 0.401 | 6.44 | 0.0230 | 19.9 | 1.3 |
| 12.5 | 1.140 | | 0.0683 | 27.0 | | | 51.8 | 0.408 | 6.94 | 0.252 | | |
| 16 | 1.460 | | 0.0874 | 31.5 | | | 58.8 | 0.421 | 7.64 | 0.0286 | | |
| 20 | 1.824 | | 0.109 | 36.7 | | | 66.8 | 0.435 | 8.44 | 0.0326 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-----------------|------------|--------------------|-------|-------|-------|-------|
| | P_2 | B_0 | H_0 | $NP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm^2 | % | $^{\circ}\text{C}$ | T | At/cm | w | w |
| EI-35×10 | 0.40 | 1.70 | 12 | 7.8 | 1.45 | 10 | 9.9 | 1.62 | 8.9 | 0.100 | 0.494 |
| 12.5 | 0.70 | | | | 1.67 | | 11.6 | | | 0.147 | 0.617 |
| 16 | 1.21 | | | | 1.92 | | 13.7 | | | 0.223 | 0.790 |
| 20 | 1.92 | | | | 2.16 | | 16.1 | | | 0.323 | 0.987 |
| EI-35×10 | 1.12 | 1.70 | 12 | 7.8 | 2.84 | 20 | 15.2 | 1.53 | 6.8 | 0.392 | 0.443 |
| 12.5 | 1.73 | | | | 3.25 | | 18.6 | | | 0.572 | 0.554 |
| 16 | 2.74 | | | | 3.72 | | 22.9 | | | 0.864 | 0.709 |
| 20 | 4.07 | | | | 4.14 | | 27.4 | | | 1.242 | 0.886 |
| EI-35×10 | 1.60 | 1.70 | 12 | 7.8 | 4.14 | 30 | 22.4 | 1.45 | 5.6 | 0.860 | 0.395 |
| 12.5 | 2.41 | | | | 4.72 | | 27.7 | | | 1.247 | 0.494 |
| 16 | 3.71 | | | | 5.36 | | 34.6 | | | 1.866 | 0.632 |
| 20 | 5.40 | | | | 5.92 | | 41.8 | | | 2.662 | 0.790 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-----------------|------------|--------------------|-------|-------|-------|-------|
| | P_2 | B_0 | H_0 | $AP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm^2 | % | $^{\circ}\text{C}$ | T | At/cm | w | w |
| EI-35×10 | 0.49 | 1.70 | 9 | 6.5 | 1.45 | 10 | 8.9 | 1.62 | 7 | 0.100 | 0.411 |
| 12.5 | 0.81 | | | | 1.67 | | 10.5 | | | 0.147 | 0.514 |
| 16 | 1.35 | | | | 1.93 | | 12.6 | | | 0.224 | 0.658 |
| 20 | 2.09 | | | | 2.17 | | 14.8 | | | 0.325 | 0.823 |
| EI-35×10 | 1.20 | 1.70 | 9 | 6.5 | 2.84 | 20 | 14.4 | 1.53 | 5 | 0.393 | 0.369 |
| 12.5 | 1.83 | | | | 3.26 | | 17.6 | | | 0.574 | 0.462 |
| 16 | 2.87 | | | | 3.73 | | 21.8 | | | 0.867 | 0.591 |
| 20 | 4.24 | | | | 4.16 | | 26.2 | | | 1.248 | 0.739 |
| EI-35×10 | 1.68 | 1.70 | 9 | 6.5 | 4.16 | 30 | 21.7 | 1.45 | 3.7 | 0.862 | 0.329 |
| 12.5 | 2.50 | | | | 4.73 | | 26.9 | | | 1.250 | 0.412 |
| 16 | 3.83 | | | | 5.37 | | 33.7 | | | 1.872 | 0.527 |
| 20 | 5.55 | | | | 5.94 | | 40.8 | | | 2.671 | 0.659 |

| EI型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 50Hz | | | | |
|-----------------------|--------|-------|------------|--------|--------|------------|-------|--------|-------|--------|--------|------------|
| | | | | | EI-41 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | α_m |
| L×b | Cm^2 | cm | kg | Cm^2 | mm | mm | mm | Cm^2 | cm | kg | Cm^2 | |
| EI-41×13 | 1.61 | 8.15 | 0.098 6 | 34.1 | 7.7 | 5.95 | 60.6 | 0.462 | 7.85 | 0.0323 | 24.2 | 1.3 |
| 16 | 1.98 | | 0.121 | 38.6 | | | 66.6 | 0.476 | 8.45 | 0.0358 | | |
| 21 | 2.59 | | 0.159 | 46 | | | 76.6 | 0.488 | 9.45 | 0.0410 | | |
| 26 | 3.21 | | 0.197 | 53.4 | | | 86.6 | 0.495 | 10.45 | 0.0460 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|----------|-------------------|-------|-------|---------------|----------|------------|-----------------|-------|-------|-------|-------|
| | P_2 | B_0 | H_0 | $NP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_c | H_c | P_m | P_c |
| L×b | W | T | At/cm | W/kg | A/mm^2 | % | $^{\circ}C$ | T | At/cm | w | w |
| EI-41×13 | 1.70 | 1.70 | 15 | 7.8 | 2.06 | 10 | 14.2 | 1.62 | 10.3 | 0.289 | 0.891 |
| 16 | 2.62 | | | | 2.33 | | 16.7 | | | 0.414 | 1.097 |
| 21 | 4.35 | | | | 2.70 | | 20.5 | | | 0.645 | 1.440 |
| 26 | 6.27 | | | | 2.98 | | 23.7 | | | 0.897 | 1.783 |
| EI-41×13 | 3.64 | 1.70 | 15 | 7.8 | 3.96 | 20 | 24.4 | 1.53 | 7.7 | 1.113 | 0.800 |
| 16 | 5.33 | | | | 4.45 | | 29.4 | | | 1.584 | 0.985 |
| 21 | 8.44 | | | | 5.10 | | 36.7 | | | 2.439 | 1.292 |
| 26 | 11.81 | | | | 5.59 | | 42.8 | | | 3.362 | 1.600 |
| EI-41×13 | 4.85 | 1.70 | 15 | 7.8 | 5.68 | 30 | 37.4 | 1.45 | 5.9 | 2.394 | 0.714 |
| 16 | 6.97 | | | | 6.33 | | 45.5 | | | 3.376 | 0.878 |
| 21 | 10.78 | | | | 7.15 | | 57.1 | | | 5.132 | 1.153 |
| 26 | 14.87 | | | | 7.77 | | 66.9 | | | 7.005 | 1.427 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|----------|-------------------|-------|-------|---------------|----------|------------|-----------------|-------|-------|-------|-------|
| | P_2 | B_0 | H_0 | $AP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_c | H_c | P_m | P_c |
| L×b | W | T | At/cm | W/kg | A/mm^2 | % | $^{\circ}C$ | T | At/cm | w | w |
| EI-41×13 | 1.86 | 1.70 | 11.5 | 6.5 | 2.06 | 10 | 13.1 | 1.62 | 8 | 0.290 | 0.743 |
| 16 | 2.82 | | | | 2.34 | | 15.5 | | | 0.416 | 0.914 |
| 21 | 4.62 | | | | 2.71 | | 19.1 | | | 0.648 | 1.200 |
| 26 | 6.61 | | | | 3.00 | | 22.1 | | | 0.902 | 1.486 |
| EI-41×13 | 3.79 | 1.70 | 11.5 | 6.5 | 3.98 | 20 | 23.3 | 1.53 | 5.7 | 1.117 | 0.667 |
| 16 | 5.52 | | | | 4.47 | | 28.2 | | | 1.591 | 0.821 |
| 21 | 8.70 | | | | 5.12 | | 35.3 | | | 2.450 | 1.077 |
| 26 | 12.14 | | | | 5.62 | | 41.3 | | | 3.378 | 1.334 |
| EI-41×13 | 4.99 | 1.70 | 11.5 | 6.5 | 5.70 | 30 | 36.5 | 1.45 | 4.3 | 2.401 | 0.595 |
| 16 | 7.14 | | | | 6.34 | | 44.6 | | | 3.386 | 0.732 |
| 21 | 11.02 | | | | 7.17 | | 56.1 | | | 1.150 | 0.961 |
| 26 | 15.16 | | | | 7.80 | | 65.7 | | | 7.031 | 1.189 |

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 50Hz | | | | |
|------------------------|--------|-------|-------|--------|--------|------------|-------|--------|-------|--------|--------|-------|
| | | | | | EI-48 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | a_m |
| L×b | Cm^2 | cm | kg | Cm^2 | mm | mm | mm | Cm^2 | cm | kg | Cm^2 | |
| EI-48×16 | 2.43 | 8.91 | 0.183 | 51.2 | 8.9 | 5.7 | 73 | 0.540 | 9.0 | 0.0437 | 28.9 | 1.3 |
| 20 | 3.04 | | 0.229 | 58.2 | | | 81 | 0.548 | 9.8 | 0.0478 | | |
| 25 | 3.80 | | 0.286 | 67 | | | 91 | 0.558 | 10.8 | 0.0536 | | |
| 32 | 4.86 | | 0.367 | 79.4 | | | 105 | 0.567 | 12.2 | 0.0616 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|----------|-------------------|-------|-------|---------------|-------------------|------------|-----------------|-------|-------|-------|-------|
| | P_2 | B_0 | H_0 | $NP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-48×16 | 4.04 | 1.60 | 7.5 | 6.5 | 2.51 | 10 | 16.6 | 1.52 | 6 | 0.586 | 1.223 |
| 20 | 6.13 | | | | 2.87 | | 19.8 | | | 0.853 | 1.529 |
| 25 | 9.00 | | | | 3.22 | | 23.3 | | | 1.216 | 1.911 |
| 32 | 13.41 | | | | 3.60 | | 27.3 | | | 1.767 | 2.447 |
| EI-48×16 | 7.81 | 1.60 | 7.5 | 6.5 | 4.78 | 20 | 30.2 | 1.44 | 4.9 | 2.233 | 1.098 |
| 20 | 11.46 | | | | 5.42 | | 36.7 | | | 3.216 | 1.372 |
| 25 | 16.37 | | | | 6.01 | | 43.8 | | | 4.534 | 1.715 |
| 32 | 23.55 | | | | 6.57 | | 51.8 | | | 6.456 | 2.196 |
| EI-48×16 | 10.04 | 1.60 | 7.5 | 6.5 | 6.75 | 30 | 47.7 | 1.36 | 4.2 | 4.737 | 0.979 |
| 20 | 14.46 | | | | 7.58 | | 58.3 | | | 6.742 | 1.224 |
| 25 | 20.34 | | | | 8.30 | | 69.6 | | | 9.402 | 1.530 |
| 32 | 28.24 | | | | 8.55 | | 27.7 | | | 75 | 1.38 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|----------|-------------------|-------|-------|---------------|-------------------|------------|-----------------|-------|-------|-------|-------|
| | P_2 | B_0 | H_0 | $AP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-48×16 | 4.25 | 1.60 | 5.3 | 5.5 | 2.52 | 10 | 15.5 | 1.52 | 4 | 0.588 | 1.035 |
| 20 | 6.40 | | | | 2.89 | | 18.5 | | | 0.857 | 1.294 |
| 25 | 9.35 | | | | 3.24 | | 21.9 | | | 1.222 | 1.617 |
| 32 | 13.88 | | | | 3.62 | | 25.7 | | | 1.777 | 2.070 |
| EI-48×16 | 8.01 | 1.60 | 5.3 | 5.5 | 4.79 | 20 | 29.2 | 1.44 | 3.2 | 2.241 | 0.929 |
| 20 | 11.71 | | | | 5.44 | | 35.7 | | | 3.227 | 1.161 |
| 25 | 16.71 | | | | 6.03 | | 42.6 | | | 4.552 | 1.452 |
| 32 | 24.21 | | | | 6.65 | | 50.7 | | | 6.535 | 1.858 |
| EI-48×16 | 10.22 | 1.60 | 5.3 | 5.5 | 6.77 | 30 | 46.9 | 1.36 | 2.6 | 4.751 | 0.829 |
| 20 | 14.69 | | | | 7.60 | | 57.5 | | | 6.762 | 1.036 |
| 25 | 20.63 | | | | 8.33 | | 68.7 | | | 9.428 | 1.295 |
| 32 | 28.68 | | | | 8.61 | | 27.9 | | | 75 | 1.38 |

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 50Hz | | | | |
|------------------------|---------------|-------|-------|---------------|--------|------------|-------|---------------|-------|--------|---------------|-------|
| | | | | | EI-54 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | a_m |
| $L \times b$ | Cm^2 | cm | kg | Cm^2 | mm | mm | mm | Cm^2 | cm | kg | Cm^2 | |
| EI-54×18 | 3.08 | 10.03 | 0.261 | 64.8 | 10.25 | 6.55 | 81 | 0.748 | 10.1 | 0.0673 | 36.6 | 1.2 |
| 22.5 | 3.85 | | 0.326 | 73.7 | | | 90 | 0.754 | 11 | 0.0738 | | |
| 29 | 4.96 | | 0.420 | 86.6 | | | 103 | 0.764 | 12.3 | 0.0836 | | |
| 36 | 6.16 | | 0.522 | 100.4 | | | 117 | 0.777 | 13.7 | 0.0948 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-----------------|------------|--------------------|------------|------------|--------|--------|
| | P_2 | B_0 | H_0 | $NP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_{\sim} | H_{\sim} | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm^2 | % | $^{\circ}\text{C}$ | T | At/cm | w | w |
| EI-54×18 | 8.56 | 1.60 | 5.8 | 6.5 | 2.80 | 10 | 22.4 | 1.52 | 5.4 | 1.147 | 1.742 |
| 22.5 | 12.49 | | | | 3.16 | | 26.6 | | | 1.633 | 2.177 |
| 29 | 18.88 | | | | 3.58 | | 31.9 | | | 2.415 | 2.806 |
| 36 | 26.54 | | | | 3.93 | | 36.8 | | | 3.344 | 3.483 |
| EI-54×18 | 15.50 | 1.60 | 5.8 | 6.5 | 5.22 | 20 | 42.9 | 1.44 | 4.5 | 4.278 | 1.563 |
| 22.5 | 22.01 | | | | 5.82 | 51.7 | 6.007 | | | 1.954 | |
| 29 | 31.68 | | | | 6.30 | 19.3 | 60 | 1.45 | 4.6 | 8.205 | 2.538 |
| 36 | 39.78 | | | | 6.08 | 16.7 | 60 | 1.47 | 4.8 | 8.649 | 3.242 |
| EI-54×18 | 19.23 | 1.60 | 5.8 | 6.5 | 7.21 | 30 | 68.7 | 1.36 | 3.7 | 8.869 | 1.394 |
| 22.5 | 26.17 | | | | 7.52 | 27.8 | 1.38 | | | 3.9 | 10.797 |
| 29 | 35.29 | | | | 7.33 | 23.5 | 75 | 1.41 | 4.1 | 11.619 | 2.422 |
| 36 | 45.03 | | | | 7.13 | 20.5 | 75 | 1.44 | 4.4 | 12.448 | 3.109 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-----------------|------------|--------------------|------------|------------|--------|-------|
| | P_2 | B_0 | H_0 | $AP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_{\sim} | H_{\sim} | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm^2 | % | $^{\circ}\text{C}$ | T | At/cm | w | w |
| EI-54×18 | 8.87 | 1.60 | 4.7 | 5.5 | 2.81 | 10 | 21.2 | 1.52 | 3.7 | 1.153 | 1.474 |
| 22.5 | 12.90 | | | | 3.18 | | 25.1 | | | 1.642 | 1.842 |
| 29 | 19.44 | | | | 3.60 | | 30.2 | | | 2.429 | 2.374 |
| 36 | 27.27 | | | | 3.95 | | 34.9 | | | 3.366 | 2.948 |
| EI-54×18 | 15.80 | 1.60 | 4.7 | 5.5 | 5.24 | 20 | 41.8 | 1.44 | 2.9 | 4.294 | 1.323 |
| 22.5 | 22.41 | | | | 5.84 | 50.4 | 6.032 | | | 1.653 | |
| 29 | 32.48 | | | | 6.40 | 19.6 | 60 | 1.45 | 3.0 | 8.462 | 2.141 |
| 36 | 41.32 | | | | 6.26 | 17.2 | 60 | 1.46 | 3.1 | 9.174 | 2.728 |
| EI-54×18 | 19.50 | 1.60 | 4.7 | 5.5 | 7.23 | 30 | 67.8 | 1.36 | 2.4 | 8.893 | 1.180 |
| 22.5 | 26.51 | | | | 7.55 | 27.9 | 10.875 | | | 1.511 | |
| 29 | 36.00 | | | | 7.43 | 23.8 | 75 | 1.41 | 2.7 | 11.918 | 2.042 |
| 36 | 46.21 | | | | 7.27 | 20.9 | 75 | 1.43 | 2.8 | 12.938 | 2.619 |

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | | 铁心材料 | | 胶芯型式 | | 50Hz | | |
|------------------------|-----------------|----------------|----------------|----------------------|-------------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|------|
| | | | | | EI-57 | | H50 | | 抽屉式 | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m | |
| L×b | Cm ² | cm | kg | Cm ² | mm | mm | mm | Cm ² | cm | kg | Cm ² | | |
| EI-57×19 | 3.43 | 10.58 | 0.307 | 72.2 | 10.95 | 7 | 85 | 0.866 | 10.7 | 0.0825 | 40.7 | 1.15 | |
| 24 | 4.33 | | 0.388 | 82.7 | | | 95 | 0.872 | 11.7 | 0.0908 | | | |
| 30 | 5.42 | | 0.485 | 95.2 | | | 107 | 0.888 | 12.9 | 0.102 | | | |
| 38 | 6.86 | | 0.614 | 111.9 | | | 123 | 0.890 | 14.5 | 0.115 | | | |
| 电源变压器电气计算参数表 (白片) | | | | | | | | | | | | | |
| 铁心型号 | P ₂ | B ₀ | H ₀ | NP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c | | |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w | | |
| EI-57×19 | 11.75 | 1.60 | 6.3 | 6.5 | 2.91 | 10 | 25.8 | 1.52 | 4.9 | 1.537 | 2.048 | | |
| 24 | 17.34 | | | | 3.30 | | 30.9 | | | 2.22 | 2.59 | | |
| 30 | 24.97 | | | | 3.67 | | 36.4 | | | 3.14 | 3.23 | | |
| 38 | 35.49 | | | | 4.06 | | 42.3 | | | 4.41 | 4.10 | | |
| EI-57×19 | 20.75 | 1.60 | 6.3 | 6.5 | 5.35 | 20 | 50.4 | 1.44 | 4 | 5.662 | 1.838 | | |
| 24 | 29.50 | | | | 5.91 | 19.7 | 7.83 | | | 2.33 | | | |
| 30 | 37.74 | | | | 5.75 | 16.9 | 60 | | | 1.46 | 4.2 | 8.31 | 3.00 |
| 38 | 47.59 | | | | 5.56 | 14.5 | 60 | | | 1.48 | 4.4 | 8.76 | 3.91 |
| EI-57×19 | 24.80 | 1.60 | 6.3 | 6.5 | 6.99 | 28.2 | 75 | 1.37 | 3.4 | 10.43 | 1.675 | | |
| 24 | 32.72 | | | | 6.85 | 23.9 | | | | 1.41 | 3.7 | 11.01 | 2.22 |
| 30 | 42.44 | | | | 6.69 | 20.6 | | | | 1.44 | 4 | 11.79 | 2.88 |
| 38 | 54.54 | | | | 6.55 | 17.9 | | | | 1.46 | 4.2 | 12.75 | 3.76 |
| 电源变压器电气计算参数表 (黑片) | | | | | | | | | | | | | |
| 铁心型号 | P ₂ | B ₀ | H ₀ | AP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c | | |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w | | |
| EI-57×19 | 12.14 | 1.60 | 4.4 | 5.5 | 2.92 | 10 | 24.4 | 1.52 | 3.4 | 1.545 | 1.733 | | |
| 24 | 17.85 | | | | 3.32 | | 29.3 | | | 2.23 | 2.19 | | |
| 30 | 25.64 | | | | 3.69 | | 34.6 | | | 3.16 | 2.74 | | |
| 38 | 36.39 | | | | 4.09 | | 40.2 | | | 4.44 | 3.47 | | |
| EI-57×19 | 21.12 | 1.60 | 4.4 | 5.5 | 5.38 | 20 | 49.2 | 1.44 | 2.7 | 5.684 | 1.556 | | |
| 24 | 30.10 | | | | 5.97 | 19.9 | 7.99 | | | 1.97 | | | |
| 30 | 38.79 | | | | 5.85 | 17.2 | 60 | | | 1.46 | 2.8 | 8.61 | 2.53 |
| 38 | 49.38 | | | | 5.71 | 14.9 | 60 | | | 1.48 | 3 | 9.25 | 3.29 |
| EI-57×19 | 25.23 | 1.60 | 4.4 | 5.5 | 7.07 | 28.5 | 75 | 1.37 | 2.3 | 10.65 | 1.41 | | |
| 24 | 33.47 | | | | 6.96 | 24.3 | | | | 1.41 | 2.5 | 11.38 | 1.87 |
| 30 | 43.38 | | | | 6.79 | 20.9 | | | | 1.43 | 2.6 | 12.14 | 2.43 |
| 38 | 56.14 | | | | 6.70 | 18.3 | | | | 1.45 | 2.8 | 13.32 | 3.17 |

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | | 铁心材料 | | 胶芯型式 | | 50Hz | |
|------------------------|--------|-------|-------|--------|--------|------------|-------|--------|-------|--------|--------|------------|
| | | | | | EI-60 | | H50 | | 抽屉式 | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | α_m |
| L×b | Cm^2 | cm | kg | Cm^2 | mm | mm | mm | Cm^2 | cm | kg | Cm^2 | |
| EI-60×20 | 3.80 | 11.14 | 0.358 | 80 | 11.65 | 7.4 | 89 | 0.981 | 11.22 | 0.0980 | 45.1 | 1.1 |
| 25 | 4.75 | | 0.446 | 91 | | | 99 | 0.998 | 12.22 | 0.1086 | | |
| 32 | 6.08 | | 0.573 | 106.4 | | | 113 | 1.001 | 13.62 | 0.1181 | | |
| 40 | 7.60 | | 0.716 | 124 | | | 129 | 1.020 | 15.22 | 0.1382 | | |

| 铁心型号 | 电源变压器电气计算参数表（白片） | | | | | | | | | | |
|----------|------------------|-------|-------|---------------|----------|------------|-----------------|-------|-------|-------|-------|
| | P_2 | B_0 | H_0 | $NP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| L×b | W | T | At/cm | W/kg | A/mm^2 | % | °C | T | At/cm | w | w |
| EI-60×20 | 15.68 | 1.60 | 6.3 | 6.5 | 3.03 | 10 | 29.6 | 1.52 | 4.9 | 2.01 | 2.39 |
| 25 | 22.87 | | | | 3.41 | | 35.3 | | | 2.88 | 2.99 |
| 32 | 34.41 | | | | 3.93 | | 42.5 | | | 4.26 | 3.82 |
| 40 | 43.51 | | | | 3.86 | | 45 | | | 4.85 | 4.82 |
| EI-60×20 | 27.03 | 1.60 | 6.3 | 6.5 | 5.51 | 20 | 58.6 | 1.44 | 4 | 7.32 | 2.14 |
| 25 | 34.99 | | | | 5.42 | 17.2 | 60 | 1.46 | 4.2 | 7.86 | 2.76 |
| 32 | 45.54 | | | | 5.31 | 14.3 | | 1.49 | 4.5 | 8.23 | 3.65 |
| 40 | 56.24 | | | | 5.06 | 12.5 | | 1.5 | 4.7 | 8.72 | 4.65 |
| EI-60×20 | 30.31 | 1.60 | 6.3 | 6.5 | 6.50 | 24.8 | | 75 | 1.40 | 3.6 | 10.70 |
| 25 | 39.50 | | | | 6.35 | 21.1 | 1.43 | | 3.9 | 11.30 | 2.65 |
| 32 | 52.33 | | | | 6.28 | 17.7 | 1.46 | | 4.2 | 12.04 | 3.52 |
| 40 | 65.51 | | | | 6.03 | 15.6 | 1.48 | | 4.5 | 12.98 | 4.50 |

| 铁心型号 | 电源变压器电气计算参数表（黑片） | | | | | | | | | | |
|----------|------------------|-------|-------|---------------|----------|------------|-----------------|-------|-------|-------|-------|
| | P_2 | B_0 | H_0 | $AP_{1.5/50}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| L×b | W | T | At/cm | W/kg | A/mm^2 | % | °C | T | At/cm | w | w |
| EI-60×20 | 16.14 | 1.60 | 4.4 | 5.5 | 3.05 | 10 | 28.0 | 1.52 | 3.4 | 2.02 | 2.02 |
| 25 | 23.48 | | | | 3.43 | | 33.6 | | | 2.90 | 2.53 |
| 32 | 35.25 | | | | 3.96 | | 40.5 | | | 4.29 | 3.23 |
| 40 | 44.64 | | | | 4.08 | | 45 | | | 5.40 | 4.06 |
| EI-60×20 | 27.48 | 1.60 | 4.4 | 5.5 | 5.53 | 20 | 57.3 | 1.44 | 2.7 | 7.35 | 1.81 |
| 25 | 36.11 | | | | 5.54 | 17.6 | 60 | 1.46 | 2.9 | 8.23 | 2.33 |
| 32 | 47.26 | | | | 5.46 | 14.7 | | 1.48 | 3 | 8.70 | 3.08 |
| 40 | 58.64 | | | | 5.22 | 12.9 | | 1.50 | 3.2 | 9.29 | 3.92 |
| EI-60×20 | 30.88 | 1.60 | 4.4 | 5.5 | 6.58 | 25.1 | | 75 | 1.41 | 2.5 | 10.96 |
| 25 | 40.35 | | | | 6.44 | 21.4 | 1.43 | | 2.6 | 11.63 | 2.23 |
| 32 | 53.62 | | | | 6.39 | 18.0 | 2.9 | | 1.46 | 12.46 | 2.97 |
| 40 | 67.31 | | | | 6.14 | 15.9 | | | 1.47 | 13.48 | 3.80 |

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 50Hz | | | | |
|------------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-66 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | Cm ² | cm | kg | Cm ² | mm | mm | mm | Cm ² | cm | kg | Cm ² | |
| EI-66×22 | 4.60 | 12.26 | 0.476 | 96.8 | 13.1 | 8.35 | 97 | 1.270 | 12.3 | 0.1391 | 54.6 | 1.05 |
| 28 | 5.85 | | 0.606 | 111.3 | | | 109 | 1.290 | 13.5 | 0.1550 | | |
| 35 | 7.32 | | 0.758 | 128.3 | | | 123 | 1.279 | 14.9 | 0.1696 | | |
| 45 | 9.41 | | 0.975 | 152.5 | | | 143 | 1.297 | 16.9 | 0.1950 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|----------|-------------------|----------------|----------------|----------------------|-------------------|------|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | NP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-66×22 | 27.25 | 1.60 | 5.7 | 6.5 | 3.26 | 10 | 37.3 | 1.52 | 4.4 | 3.39 | 3.18 |
| 28 | 40.04 | | | | 3.65 | | 44.8 | | | 4.86 | 4.05 |
| 35 | 47.63 | | | | 3.46 | 8.3 | 45 | 4.79 | 5.15 | | |
| 45 | 58.20 | | | | 3.22 | 6.8 | 1.55 | 4.8 | 4.75 | 6.73 | |
| EI-66×22 | 39.44 | 1.60 | 5.7 | 6.5 | 4.88 | 16.1 | 60 | 1.47 | 3.8 | 8.16 | 2.98 |
| 28 | 50.73 | | | | 4.71 | 13.4 | | 1.49 | 4 | 8.48 | 3.90 |
| 35 | 62.28 | | | | 4.57 | 11.5 | | 1.51 | 4.3 | 8.76 | 4.98 |
| 45 | 78.99 | | | | 4.37 | 9.7 | | 1.52 | 4.4 | 9.21 | 6.53 |
| EI-66×22 | 44.76 | 1.60 | 5.7 | 6.5 | 5.73 | 19.8 | 75 | 1.44 | 3.5 | 11.79 | 2.86 |
| 28 | 58.18 | | | | 5.53 | 16.5 | | 1.47 | 3.8 | 12.27 | 3.78 |
| 35 | 72.51 | | | | 5.43 | 14.3 | | 1.49 | 4 | 12.94 | 4.83 |
| 45 | 93.53 | | | | 5.25 | 12.2 | | 1.50 | 4.2 | 13.91 | 6.35 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|----------|-------------------|----------------|----------------|----------------------|-------------------|------|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | AP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-66×22 | 27.91 | 1.60 | 3.9 | 5.5 | 3.28 | 10 | 35.6 | 1.52 | 3 | 3.41 | 2.69 |
| 28 | 41.30 | | | | 3.71 | | 43.2 | | | 4.98 | 3.42 |
| 35 | 51.32 | | | | 3.67 | 8.8 | 45 | 5.38 | 4.34 | | |
| 45 | 63.66 | | | | 3.45 | 7.3 | 1.54 | 5.47 | 5.66 | | |
| EI-66×22 | 40.75 | 1.60 | 3.9 | 5.5 | 5.00 | 16.5 | 60 | 1.47 | 2.6 | 8.57 | 2.51 |
| 28 | 52.37 | | | | 4.81 | 13.7 | | 1.49 | 2.8 | 8.86 | 3.29 |
| 35 | 65.08 | | | | 4.73 | 11.9 | | 1.50 | 2.9 | 9.38 | 4.20 |
| 45 | 83.15 | | | | 4.55 | 10.1 | | 1.52 | 3 | 9.98 | 5.50 |
| EI-66×22 | 45.75 | 1.60 | 3.9 | 5.5 | 5.81 | 20.1 | 75 | 1.44 | 2.4 | 12.15 | 2.41 |
| 28 | 59.97 | | | | 5.67 | 16.9 | | 1.46 | 2.5 | 12.88 | 3.18 |
| 35 | 75.07 | | | | 5.58 | 14.7 | | 1.48 | 2.7 | 13.67 | 4.07 |
| 45 | 97.33 | | | | 5.43 | 12.6 | | 1.50 | 2.8 | 14.84 | 5.35 |

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 50Hz | | | | |
|------------------------|-----------------|----------------|----------------|----------------------|-------------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-76.2 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | Cm ² | cm | kg | Cm ² | mm | mm | mm | Cm ² | cm | kg | Cm ² | |
| EI-76.2×25 | 6.03 | 14.15 | 0.722 | 127.91 | 15 | 9.7 | 111.4 | 1.710 | 14.2 | 0.2161 | 72.8 | 1 |
| 31.5 | 7.60 | | 0.909 | 146.08 | | | 124.4 | 1.728 | 15.5 | 0.2383 | | |
| 40 | 9.65 | | 1.155 | 169.82 | | | 141.4 | 1.736 | 17.2 | 0.2657 | | |
| 50 | 12.07 | | 1.443 | 197.76 | | | 161.4 | 1.753 | 19.2 | 0.2995 | | |
| 电源变压器电气计算参数表 (白片) | | | | | | | | | | | | |
| 铁心型号 | P ₂ | B ₀ | H ₀ | NP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c | |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w | |
| EI-76.2×25 | 49.86 | 1.60 | 5 | 6.5 | 3.29 | 9.1 | 45 | 1.53 | 4 | 5.49 | 4.86 | |
| 31.5 | 59.54 | | | | 3.04 | 7.3 | | 1.54 | 4.1 | 5.19 | 6.24 | |
| 40 | 70.75 | | | | 2.81 | 5.9 | | 1.55 | 4.2 | 4.95 | 8.04 | |
| 50 | 81.51 | | | | 2.56 | 4.8 | | 1.56 | 4.8 | 4.63 | 10.17 | |
| EI-76.2×25 | 62.83 | 1.60 | 5 | 6.5 | 4.20 | 12.2 | 60 | 1.50 | 3.6 | 9.41 | 4.71 | |
| 31.5 | 78.05 | | | | 4.01 | 10.1 | | 1.52 | 3.8 | 9.47 | 6.06 | |
| 40 | 96.23 | | | | 3.82 | 8.4 | | 1.53 | 4 | 9.57 | 7.84 | |
| 50 | 117.83 | | | | 3.67 | 7.2 | | 1.54 | 4.1 | 9.94 | 9.92 | |
| EI-76.2×25 | 72.63 | 1.60 | 5 | 6.5 | 4.96 | 15.1 | 75 | 1.48 | 3.4 | 13.77 | 4.56 | |
| 31.5 | 92.19 | | | | 4.82 | 12.7 | | 1.50 | 3.6 | 14.31 | 5.90 | |
| 40 | 115.78 | | | | 4.65 | 10.7 | | 1.51 | 3.7 | 14.83 | 7.65 | |
| 50 | 142.83 | | | | 4.47 | 9.2 | | 1.53 | 4 | 15.49 | 9.72 | |
| 电源变压器电气计算参数表 (黑片) | | | | | | | | | | | | |
| 铁心型号 | P ₂ | B ₀ | H ₀ | AP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c | |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w | |
| EI-76.2×25 | 52.78 | 1.60 | 3.5 | 5.5 | 3.43 | 9.5 | 45 | 1.52 | 2.7 | 5.99 | 4.10 | |
| 31.5 | 64.65 | | | | 3.25 | 7.8 | | 1.54 | 2.9 | 5.93 | 5.26 | |
| 40 | 78.24 | | | | 3.05 | 6.4 | | 1.55 | 3 | 5.83 | 6.77 | |
| 50 | 92.13 | | | | 2.83 | 5.3 | | 1.56 | 3.1 | 5.65 | 8.56 | |
| EI-76.2×25 | 65.46 | 1.60 | 3.5 | 5.5 | 4.34 | 12.6 | 60 | 1.50 | 2.5 | 10.03 | 3.97 | |
| 31.5 | 81.94 | | | | 4.17 | 10.5 | | 1.52 | 2.7 | 10.24 | 5.11 | |
| 40 | 101.94 | | | | 4.00 | 8.8 | | 1.53 | 2.8 | 10.50 | 6.60 | |
| 50 | 125.90 | | | | 3.87 | 7.6 | | 1.54 | 2.9 | 11.07 | 8.36 | |
| EI-76.2×25 | 75.02 | 1.60 | 3.5 | 5.5 | 5.10 | 15.5 | 75 | 1.48 | 2.4 | 14.50 | 3.84 | |
| 31.5 | 95.09 | | | | 4.93 | 13.0 | | 1.50 | 2.5 | 14.99 | 4.97 | |
| 40 | 121.02 | | | | 4.82 | 11.1 | | 1.51 | 2.6 | 15.96 | 6.45 | |
| 50 | 150.29 | | | | 4.67 | 9.6 | | 1.52 | 2.7 | 16.87 | 8.19 | |

| EI 型铁心 50Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 50Hz | | | | |
|------------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-85.8 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | Cm ² | cm | kg | Cm ² | mm | mm | mm | Cm ² | cm | kg | Cm ² | |
| EI-85.8×29 | 7.88 | 15.93 | 1.061 | 164.85 | 17.1 | 11.1 | 126.6 | 2.267 | 16.15 | 0.3259 | 92.3 | 0.95 |
| 36 | 9.78 | | 1.318 | 186.87 | | | 140.6 | 2.285 | 17.55 | 0.3569 | | |
| 46 | 12.5 | | 1.684 | 218.33 | | | 160.6 | 2.223 | 19.55 | 0.3868 | | |
| 58 | 15.76 | | 2.123 | 256.08 | | | 184.6 | 2.215 | 21.95 | 0.4326 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|------------|-------------------|----------------|----------------|----------------------|-------------------|------|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | NP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-85.8×29 | 72.61 | 1.60 | 4.3 | 6.5 | 2.70 | 6.5 | 45 | 1.55 | 3.6 | 5.57 | 7.35 |
| 36 | 83.44 | | | | 2.46 | 5.2 | | 1.56 | 3.8 | 5.10 | 9.24 |
| 46 | 95.95 | | | | 2.28 | 4.2 | | 1.57 | 3.9 | 4.74 | 11.93 |
| 58 | 109.06 | | | | 2.08 | 3.4 | | 1.57 | 3.9 | 4.38 | 15.17 |
| EI-85.8×29 | 95.52 | 1.60 | 4.3 | 6.5 | 3.56 | 9.0 | 60 | 1.53 | 3.4 | 10.18 | 7.16 |
| 36 | 115.28 | | | | 3.39 | 7.5 | | 1.54 | 3.5 | 10.10 | 9.03 |
| 46 | 136.91 | | | | 3.21 | 6.2 | | 1.55 | 3.6 | 9.85 | 11.69 |
| 58 | 162.80 | | | | 3.02 | 5.2 | | 1.56 | 3.8 | 9.77 | 14.89 |
| EI-85.8×29 | 113.04 | 1.60 | 4.3 | 6.5 | 4.27 | 11.3 | 75 | 1.51 | 3.2 | 15.33 | 6.99 |
| 36 | 139.69 | | | | 4.14 | 9.6 | | 1.52 | | 15.81 | 8.83 |
| 46 | 170.21 | | | | 4.01 | 8.1 | | 1.54 | 3.5 | 16.05 | 11.46 |
| 58 | 206.53 | | | | 3.83 | 6.9 | | | | 16.43 | 14.63 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|------------|-------------------|----------------|----------------|----------------------|-------------------|------|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | AP _{1.5/50} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-85.8×29 | 78.32 | 1.60 | 3.2 | 5.5 | 2.86 | 6.9 | 45 | 1.54 | 2.5 | 6.28 | 6.19 |
| 36 | 93.28 | | | | 2.70 | 5.7 | | 1.55 | 2.6 | 6.12 | 7.78 |
| 46 | 107.61 | | | | 2.50 | 4.6 | | 1.56 | 2.7 | 5.69 | 10.06 |
| 58 | 125.48 | | | | 2.32 | 3.8 | | 1.57 | 2.9 | 5.47 | 12.78 |
| EI-85.8×29 | 100.74 | 1.60 | 3.2 | 5.5 | 3.72 | 9.4 | 60 | 1.52 | 2.3 | 11.11 | 6.03 |
| 36 | 122.76 | | | | 3.57 | 7.9 | | 1.54 | 2.5 | 12.11 | 7.61 |
| 46 | 147.66 | | | | 3.42 | 6.6 | | 1.55 | 2.6 | 11.16 | 9.85 |
| 58 | 178.00 | | | | 3.26 | 5.6 | | 1.56 | 2.7 | 11.33 | 12.55 |
| EI-85.8×29 | 117.82 | 1.60 | 3.2 | 5.5 | 4.42 | 11.7 | 75 | 1.51 | 2.3 | 16.43 | 5.89 |
| 36 | 145.20 | | | | 4.27 | 9.9 | | 1.52 | | 16.81 | 7.45 |
| 46 | 180.15 | | | | 4.21 | 8.5 | | 1.53 | 2.4 | 17.68 | 9.66 |
| 58 | 220.64 | | | | 4.06 | 7.3 | | | | 1.54 | 2.5 |

| EI 型铁心 60Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 60Hz | | | | |
|------------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-85.8 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | Cm ² | cm | kg | Cm ² | mm | mm | mm | Cm ² | cm | kg | Cm ² | |
| EI-85.8×29 | 7.88 | 15.93 | 1.061 | 164.85 | 17.1 | 11.1 | 126.6 | 2.287 | 16.15 | 0.3287 | 92.3 | 0.95 |
| 36 | 9.78 | | 1.318 | 186.87 | | | 140.6 | 2.208 | 17.55 | 0.3449 | | |
| 46 | 12.5 | | 1.684 | 218.33 | | | 160.6 | 2.251 | 19.55 | 0.3916 | | |
| 58 | 15.76 | | 2.123 | 256.08 | | | 184.6 | 2.234 | 21.95 | 0.4364 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|------------|-------------------|----------------|----------------|----------------------|-------------------|-----|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | NP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-85.8×29 | 75.98 | 1.60 | 4.3 | 8.35 | 2.34 | 4.7 | 45 | 1.56 | 3.8 | 4.231 | 9.615 |
| 36 | 83.62 | | | | 2.16 | 3.8 | | 1.57 | 3.9 | 3.788 | 12.047 |
| 46 | 90.86 | | | | 1.83 | 2.8 | | 1.58 | 4 | 3.072 | 15.550 |
| 58 | 93.20 | | | | 1.54 | 2.1 | | 2.428 | 19.746 | | |
| EI-85.8×29 | 107.59 | 1.60 | 4.3 | 8.35 | 3.27 | 6.9 | 60 | 1.54 | 3.5 | 8.691 | 9.400 |
| 36 | 122.24 | | | | 3.09 | 5.7 | | 1.55 | 3.6 | 8.123 | 11.814 |
| 46 | 144.84 | | | | 2.80 | 4.5 | | 1.56 | 3.8 | 7.563 | 15.283 |
| 58 | 167.12 | | | | 2.58 | 3.7 | | 1.57 | 3.9 | 7.184 | 19.428 |
| EI-85.8×29 | 131.82 | 1.60 | 4.3 | 8.35 | 4.03 | 8.9 | 75 | 1.53 | 3.4 | 13.812 | 9.206 |
| 36 | 153.66 | | | | 3.88 | 7.5 | | 1.54 | 3.5 | 13.432 | 11.596 |
| 46 | 188.81 | | | | 3.62 | 6.1 | | 1.55 | 3.6 | 13.274 | 15.034 |
| 58 | 227.38 | | | | 3.47 | 5.2 | | 1.56 | 3.8 | 13.554 | 19.132 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|------------|-------------------|----------------|----------------|----------------------|-------------------|-----|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | AP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-85.8×29 | 84.35 | 1.60 | 3.2 | 7.1 | 2.54 | 5.1 | 45 | 1.56 | 2.7 | 4.982 | 8.142 |
| 36 | 95.10 | | | | 2.39 | 4.2 | | 1.57 | 2.9 | 4.627 | 10.201 |
| 46 | 107.94 | | | | 2.09 | 3.2 | | 4.013 | 13.169 | | |
| 58 | 122.42 | | | | 1.90 | 2.6 | | 3.722 | 16.705 | | |
| EI-85.8×29 | 115.28 | 1.60 | 3.2 | 7.1 | 3.46 | 7.3 | 60 | 1.54 | 2.5 | 9.728 | 7.960 |
| 36 | 132.85 | | | | 3.31 | 6.1 | | 1.55 | 2.6 | 9.303 | 10.004 |
| 46 | 160.68 | | | | 3.05 | 4.9 | | 1.56 | 2.7 | 8.967 | 12.942 |
| 58 | 189.41 | | | | 2.86 | 4.1 | | 1.57 | 2.9 | 8.822 | 16.452 |
| EI-85.8×29 | 137.50 | 1.60 | 3.2 | 7.1 | 4.17 | 9.2 | 75 | 1.53 | 2.4 | 14.759 | 7.803 |
| 36 | 163.50 | | | | 4.09 | 7.9 | | 1.54 | 2.5 | 14.903 | 9.820 |
| 46 | 203.55 | | | | 3.86 | 6.5 | | 1.55 | 2.6 | 15.072 | 12.731 |
| 58 | 243.69 | | | | 3.67 | 5.5 | | 1.56 | 2.7 | 15.163 | 16.218 |

| EI 型铁心 60Hz 电源变压器计算参数表 | | | | | 铁心型号 | | 铁心材料 | | 胶芯型式 | | 60Hz | |
|------------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-76.2 | | H50 | | 抽屜式 | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | Cm ² | cm | kg | Cm ² | mm | mm | mm | Cm ² | cm | kg | Cm ² | |
| EI-76.2×25 | 6.03 | 14.15 | 0.722 | 127.91 | 15 | 9.7 | 111.4 | 1.728 | 14.2 | 0.2183 | 72.8 | 1 |
| 31.5 | 7.60 | | 0.909 | 146.08 | | | 124.4 | 1.736 | 15.5 | 0.2395 | | |
| 40 | 9.65 | | 1.155 | 169.82 | | | 141.4 | 1.753 | 17.2 | 0.2683 | | |
| 50 | 12.07 | | 1.443 | 197.76 | | | 161.4 | 1.693 | 19.2 | 0.2892 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|------------|-------------------|----------------|----------------|----------------------|-------------------|------|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | NP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-76.2×25 | 54.59 | 1.60 | 5 | 8.35 | 2.95 | 6.8 | 45 | 1.55 | 4.2 | 4.461 | 6.398 |
| 31.5 | 63.67 | | | | 2.70 | 5.4 | | 1.56 | 4.4 | 4.111 | 8.179 |
| 40 | 72.53 | | | | 2.40 | 4.2 | | 1.57 | 4.5 | 3.649 | 10.51 |
| 50 | 78.39 | | | | 2.18 | 3.4 | | | | 3.233 | 13.25 |
| EI-76.2×25 | 72.63 | 1.60 | 5 | 8.35 | 3.92 | 9.5 | 60 | 1.52 | 3.8 | 8.298 | 6.221 |
| 31.5 | 88.41 | | | | 3.72 | 7.8 | | 1.54 | 4.1 | 8.174 | 7.978 |
| 40 | 105.82 | | | | 3.44 | 6.3 | | 1.55 | 4.2 | 7.826 | 10.29 |
| 50 | 122.85 | | | | 3.30 | 5.4 | | 1.56 | 4.4 | 7.772 | 12.98 |
| EI-76.2×25 | 86.44 | 1.60 | 5 | 8.35 | 4.73 | 12.0 | 75 | 1.50 | 3.6 | 12.646 | 6.058 |
| 31.5 | 107.41 | | | | 4.55 | 10.0 | | 1.52 | 3.8 | 12.833 | 7.797 |
| 40 | 132.91 | | | | 4.33 | 8.3 | | 1.53 | 4 | 12.974 | 10.08 |
| 50 | 156.94 | | | | 4.20 | 7.2 | | 1.54 | 4.1 | 13.197 | 12.74 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|------------|-------------------|----------------|----------------|----------------------|-------------------|------|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | AP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-76.2×25 | 58.88 | 1.60 | 3.5 | 7.1 | 3.12 | 7.2 | 45 | 1.54 | 2.9 | 5.001 | 5.418 |
| 31.5 | 69.91 | | | | 2.90 | 5.8 | | 1.55 | 3 | 4.742 | 6.926 |
| 40 | 83.55 | | | | 2.69 | 4.7 | | 1.56 | 3.1 | 4.570 | 8.895 |
| 50 | 90.77 | | | | 2.44 | 3.8 | | 1.57 | 3.2 | 4.038 | 11.22 |
| EI-76.2×25 | 76.54 | 1.60 | 3.5 | 7.1 | 4.09 | 9.9 | 60 | 1.52 | 2.7 | 9.011 | 5.267 |
| 31.5 | 94.14 | | | | 3.91 | 8.2 | | 1.53 | 2.8 | 9.034 | 6.756 |
| 40 | 115.95 | | | | 3.71 | 6.8 | | 1.55 | 3 | 9.117 | 8.704 |
| 50 | 134.28 | | | | 3.54 | 5.8 | | | | 8.966 | 10.99 |
| EI-76.2×25 | 89.35 | 1.60 | 3.5 | 7.1 | 4.85 | 12.3 | 75 | 1.50 | 2.6 | 13.29 | 5.135 |
| 31.5 | 112.68 | | | | 4.74 | 10.4 | | 1.52 | 2.7 | 13.88 | 6.602 |
| 40 | 140.69 | | | | 4.53 | 8.7 | | 1.53 | 2.8 | 14.26 | 8.534 |
| 50 | 167.55 | | | | 4.43 | 7.6 | | 1.54 | 2.9 | 14.70 | 10.79 |

| EI 型铁心 60Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 60Hz | | | | |
|------------------------|-----------------|----------------|----------------|----------------------|-------------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-66 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | cm ² | cm | kg | cm ² | mm | mm | mm | cm ² | cm | kg | cm ² | |
| EI-66×22 | 4.60 | 12.26 | 0.476 | 96.8 | 13.1 | 8.35 | 97 | 1.286 | 12.3 | 0.141 | 54.6 | 1.05 |
| 28 | 5.85 | | 0.606 | 111.3 | | | 109 | 1.272 | 13.5 | 0.1529 | | |
| 35 | 7.32 | | 0.758 | 128.3 | | | 123 | 1.288 | 14.9 | 0.1708 | | |
| 45 | 9.41 | | 0.975 | 152.5 | | | 143 | 1.303 | 16.9 | 0.1959 | | |
| 电源变压器电气计算参数表 (白片) | | | | | | | | | | | | |
| 铁心型号 | P ₂ | B ₀ | H ₀ | NP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c | |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w | |
| EI-66×22 | 36.81 | 1.60 | 5.7 | 8.35 | 3.58 | 9.4 | 45 | 1.52 | 4.4 | 4.257 | 4.111 | |
| 28 | 43.94 | | | | 3.36 | 7.6 | | 1.54 | 4.65 | 4.062 | 5.331 | |
| 35 | 50.83 | | | | 3.05 | 6.1 | | 1.55 | 4.75 | 3.751 | 6.769 | |
| 45 | 60.25 | | | | 2.78 | 4.9 | | 1.56 | 5 | 3.567 | 8.811 | |
| EI-66×22 | 46.80 | 1.60 | 5.7 | 8.35 | 4.62 | 12.7 | 60 | 1.50 | 4.15 | 7.405 | 3.970 | |
| 28 | 58.19 | | | | 4.47 | 10.6 | | 1.52 | 4.4 | 7.531 | 5.166 | |
| 35 | 71.12 | | | | 4.25 | 8.9 | | 1.53 | 4.5 | 7.609 | 6.575 | |
| 45 | 86.98 | | | | 3.95 | 7.3 | | 1.54 | 4.65 | 7.545 | 8.595 | |
| EI-66×22 | 54.35 | 1.60 | 5.7 | 8.35 | 5.48 | 15.8 | 75 | 1.47 | 3.8 | 10.948 | 3.840 | |
| 28 | 68.61 | | | | 5.35 | 13.3 | | 1.49 | 4 | 11.325 | 5.020 | |
| 35 | 85.33 | | | | 5.15 | 11.3 | | 1.51 | 4.25 | 11.717 | 6.410 | |
| 45 | 107.57 | | | | 4.91 | 9.5 | | 1.52 | 4.4 | 12.204 | 8.400 | |
| 电源变压器电气计算参数表 (黑片) | | | | | | | | | | | | |
| 铁心型号 | P ₂ | B ₀ | H ₀ | AP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c | |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w | |
| EI-66×22 | 39.00 | 1.60 | 4 | 7.1 | 3.74 | 9.8 | 45 | 1.52 | 3 | 4.627 | 3.481 | |
| 28 | 47.12 | | | | 3.54 | 8.0 | | 1.54 | 3.2 | 4.501 | 4.514 | |
| 35 | 56.26 | | | | 3.31 | 6.6 | | 1.55 | 3.3 | 4.391 | 5.726 | |
| 45 | 68.25 | | | | 3.07 | 5.4 | | 1.56 | 3.4 | 4.332 | 7.453 | |
| EI-66×22 | 48.77 | 1.60 | 4 | 7.1 | 4.76 | 13.1 | 60 | 1.50 | 2.85 | 7.879 | 3.361 | |
| 28 | 61.08 | | | | 4.64 | 11.0 | | 1.51 | 2.9 | 8.110 | 4.374 | |
| 35 | 75.27 | | | | 4.44 | 9.3 | | 1.53 | 3.15 | 8.309 | 5.567 | |
| 45 | 94.30 | | | | 4.22 | 7.8 | | 1.54 | 3.2 | 8.614 | 7.271 | |
| EI-66×22 | 55.82 | 1.60 | 4 | 7.1 | 5.59 | 16.1 | 75 | 1.47 | 2.6 | 11.367 | 3.254 | |
| 28 | 70.78 | | | | 5.47 | 13.6 | | 1.49 | 2.8 | 11.841 | 4.255 | |
| 35 | 89.13 | | | | 5.33 | 11.7 | | 1.51 | 2.9 | 12.561 | 5.428 | |
| 45 | 113.21 | | | | 5.12 | 9.9 | | 1.52 | 3 | 13.254 | 7.113 | |

| EI 型铁心 60Hz 电源变压器计算参数表 | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 60Hz | | | | | |
|------------------------|--------|-------|-------|--------|--------|------------|-------|--------|-------|--------|--------|-------|
| | | | | EI-60 | H50 | 抽屉式 | | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | a_m |
| $L \times b$ | cm^2 | cm | kg | cm^2 | mm | mm | mm | cm^2 | cm | kg | cm^2 | |
| EI-60×20 | 3.80 | 11.14 | 0.358 | 80 | 11.65 | 7.4 | 89 | 0.998 | 11.22 | 0.0997 | 45.1 | 1.1 |
| 25 | 4.75 | | 0.446 | 91 | | | 99 | 0.997 | 12.22 | 0.1085 | | |
| 32 | 6.08 | | 0.573 | 106 | | | 113 | 1.017 | 13.62 | 0.1233 | | |
| 40 | 7.60 | | 0.716 | 124 | | | 129 | 1.008 | 15.22 | 0.1366 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-------------------|------------|-----------------|-------|-------|--------|-------|
| | P_2 | B_0 | H_0 | $NP_{1.5/60}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-60×20 | 22.66 | 1.60 | 6.3 | 8.35 | 3.54 | 10 | 37.9 | 1.52 | 4.9 | 2.866 | 3.069 |
| 25 | 32.19 | | | | 3.97 | | 44.9 | | | 4.013 | 3.837 |
| 32 | 39.40 | | | | 3.67 | 45 | 5.2 | 3.897 | 5.012 | | |
| 40 | 45.64 | | | | 3.41 | | 6.7 | 1.55 | 5.35 | 3.742 | 6.353 |
| EI-60×20 | 33.25 | 1.60 | 6.3 | 8.35 | 5.33 | 60 | 16.2 | 1.47 | 4.3 | 7.002 | 2.872 |
| 25 | 41.40 | | | | 5.18 | | 13.7 | 1.49 | 4.55 | 7.176 | 3.689 |
| 32 | 52.46 | | | | 4.90 | | 11.3 | 1.51 | 4.8 | 7.319 | 4.844 |
| 40 | 63.26 | | | | 4.71 | | 9.7 | 1.52 | 4.9 | 7.476 | 6.158 |
| EI-60×20 | 37.75 | 1.60 | 6.3 | 8.35 | 6.26 | 75 | 19.9 | 1.44 | 4 | 10.091 | 2.758 |
| 25 | 47.59 | | | | 6.10 | | 16.9 | 1.46 | 4.2 | 10.431 | 3.563 |
| 32 | 61.83 | | | | 5.89 | | 14.2 | 1.49 | 4.55 | 11.039 | 4.696 |
| 40 | 76.24 | | | | 5.75 | | 12.4 | 1.50 | 4.65 | 11.669 | 5.984 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-------------------|------------|-----------------|-------|-------|--------|-------|
| | P_2 | B_0 | H_0 | $AP_{1.5/60}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-60×20 | 23.28 | 1.60 | 4.4 | 7.1 | 3.56 | 10 | 36.1 | 1.52 | 3.35 | 2.884 | 2.610 |
| 25 | 33.02 | | | | 3.99 | | 42.8 | | | 4.041 | 3.262 |
| 32 | 42.92 | | | | 3.92 | 45 | 8.6 | 3.45 | 4.448 | 4.237 | |
| 40 | 50.91 | | | | 3.72 | | 7.3 | 1.54 | 3.55 | 4.443 | 5.369 |
| EI-60×20 | 34.40 | 1.60 | 4.4 | 7.1 | 5.47 | 60 | 16.6 | 1.47 | 2.9 | 7.352 | 2.432 |
| 25 | 43.07 | | | | 5.33 | | 14.1 | 1.49 | 3.1 | 7.602 | 3.123 |
| 32 | 54.96 | | | | 5.08 | | 11.7 | 1.51 | 3.25 | 7.846 | 4.101 |
| 40 | 67.39 | | | | 4.95 | | 10.2 | 1.52 | 3.35 | 8.266 | 5.209 |
| EI-60×20 | 38.62 | 1.60 | 4.4 | 7.1 | 6.35 | 75 | 20.2 | 1.44 | 2.9 | 10.398 | 2.337 |
| 25 | 49.09 | | | | 6.24 | | 17.3 | 1.46 | 2.85 | 10.930 | 3.016 |
| 32 | 64.11 | | | | 6.05 | | 14.6 | 1.48 | 3 | 11.670 | 3.976 |
| 40 | 79.42 | | | | 5.94 | | 12.8 | 1.50 | 3.15 | 12.434 | 5.067 |

| EI 型铁心 60Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 60Hz | | | | |
|------------------------|--------|-------|-------|--------|--------|------------|-------|--------|-------|--------|--------|------------|
| | | | | | EI-57 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | α_m |
| $L \times b$ | cm^2 | cm | kg | cm^2 | mm | mm | mm | cm^2 | cm | kg | cm^2 | |
| EI-57×19 | 3.43 | 10.58 | 0.307 | 72.2 | 10.95 | 7 | 85 | 0.867 | 10.7 | 0.0826 | 40.7 | 1.15 |
| 24 | 4.33 | | 0.388 | 82.7 | | | 95 | 0.888 | 11.7 | 0.0924 | | |
| 30 | 5.42 | | 0.485 | 95.2 | | | 107 | 0.887 | 12.9 | 0.1018 | | |
| 38 | 6.86 | | 0.614 | 111.9 | | | 123 | 0.904 | 14.5 | 0.1167 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-------------------|------------|-----------------|-------|-------|--------|-------|
| | P_2 | B_0 | H_0 | $NP_{1.5/60}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-57×19 | 16.80 | 1.60 | 6.3 | 8.35 | 3.41 | 10 | 32.8 | 1.52 | 4.9 | 2.164 | 2.631 |
| 24 | 25.03 | | | | 3.85 | | 39.6 | | | 3.158 | 3.324 |
| 30 | 34.20 | | | | 4.15 | 9.7 | 4.132 | 4.168 | | | |
| 38 | 41.56 | | | | 3.86 | 8.0 | 4.091 | 5.374 | | | |
| EI-57×19 | 27.75 | 1.60 | 6.3 | 8.35 | 5.86 | 18.8 | 60 | 1.45 | | 6.998 | 2.393 |
| 24 | 35.69 | | | | 5.62 | 15.6 | | 1.48 | 4.4 | 7.194 | 3.131 |
| 30 | 44.12 | | | | 5.43 | 13.3 | | 1.49 | 4.6 | 7.403 | 4.012 |
| 38 | 55.24 | | | | 5.15 | 11.2 | | 1.51 | 4.8 | 7.642 | 5.197 |
| EI-57×19 | 31.01 | 1.60 | 6.3 | 8.35 | 6.82 | 22.9 | 75 | 1.42 | 3.8 | 9.918 | 2.286 |
| 24 | 40.50 | | | | 6.57 | 19.1 | | 1.45 | 4.1 | 10.301 | 3.013 |
| 30 | 51.32 | | | | 6.47 | 16.6 | | 1.47 | 4.3 | 11.016 | 3.871 |
| 38 | 65.68 | | | | 6.24 | 14.2 | | 1.49 | 4.6 | 11.733 | 5.033 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-------------------|------------|-----------------|-------|-------|--------|-------|
| | P_2 | B_0 | H_0 | $AP_{1.5/60}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-57×19 | 17.31 | 1.60 | 4.4 | 7.1 | 3.43 | 10 | 31.1 | 1.52 | 3.9 | 2.177 | 2.238 |
| 24 | 31.72 | | | | 3.87 | | 37.6 | | | 3.179 | 2.826 |
| 30 | 35.10 | | | | 4.18 | 42.8 | 4.162 | 3.544 | | | |
| 38 | 45.05 | | | | 4.10 | 8.5 | 4.618 | 4.546 | | | |
| EI-57×19 | 28.61 | 1.60 | 4.4 | 7.1 | 5.98 | 19.2 | 60 | 1.45 | 2.8 | 7.299 | 2.026 |
| 24 | 36.98 | | | | 5.76 | 16.0 | | 1.47 | 2.9 | 7.568 | 2.651 |
| 30 | 46.26 | | | | 5.63 | 13.8 | | 1.49 | 3.1 | 7.970 | 3.393 |
| 38 | 58.38 | | | | 5.38 | 11.7 | | 1.51 | 3.2 | 8.340 | 4.395 |
| EI-57×19 | 31.66 | 1.60 | 4.4 | 7.1 | 6.91 | 23.2 | 75 | 1.41 | 2.5 | 10.180 | 1.937 |
| 24 | 41.65 | | | | 6.70 | 19.5 | | 1.44 | 2.7 | 10.737 | 2.551 |
| 30 | 52.71 | | | | 6.59 | 16.9 | | 1.46 | 2.8 | 11.417 | 3.281 |
| 38 | 68.10 | | | | 6.41 | 14.6 | | 1.48 | 3 | 12.404 | 4.261 |

| EI 型铁心 60Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 60Hz | | | | |
|------------------------|-----------------|----------------|----------------|----------------------|-------------------|----------------|-----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-54 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | cm ² | cm | kg | cm ² | mm | mm | mm | cm ² | cm | kg | cm ² | |
| EI-54×18 | 3.08 | 10 | 0.261 | 64.8 | 10.25 | 6.55 | 81 | 0.751 | 10.1 | 0.0675 | 36.6 | 1.20 |
| 22.5 | 3.85 | | 0.326 | 73.7 | | | 90 | 0.760 | 11 | 0.0744 | | |
| 29 | 4.96 | | 0.420 | 86.6 | | | 103 | 0.771 | 12.3 | 0.0844 | | |
| 36 | 6.16 | | 0.522 | 100.4 | | | 117 | 0.777 | 13.7 | 0.0947 | | |
| 电源变压器电气计算参数表 (白片) | | | | | | | | | | | | |
| 铁心型号 | P ₂ | B ₀ | H ₀ | NP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c | |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w | |
| EI-54×18 | 12.33 | 1.60 | 6.8 | 8.35 | 3.29 | 10 | 28.5 | 1.52 | 5.4 | 1.622 | 2.237 | |
| 22.5 | 17.96 | | | | 3.70 | | 33.9 | | | 2.312 | 2.797 | |
| 29 | 27.22 | | | | 4.17 | | 40.8 | | | 3.434 | 3.605 | |
| 36 | 35.64 | | | | 4.35 | 45 | 4.224 | | | 4.498 | | |
| EI-54×18 | 21.68 | 1.60 | 6.8 | 8.35 | 6.02 | 20 | 55.1 | 1.44 | 4.4 | 5.940 | 2.008 | |
| 22.5 | 29.10 | | | | 6.22 | 18.3 | 60 | 1.45 | 4.6 | 7.111 | 2.558 | |
| 29 | 37.76 | | | | 5.96 | 15.2 | | 1.48 | 4.9 | 7.399 | 3.410 | |
| 36 | 46.66 | | | | 5.77 | 13.2 | | 1.49 | 5 | 7.773 | 4.325 | |
| EI-54×18 | 25.05 | 1.60 | 6.8 | 8.35 | 7.41 | 26.2 | 75 | 1.39 | 4 | 9.587 | 1.872 | |
| 22.5 | 32.71 | | | | 7.28 | 22.4 | | 1.42 | 4.3 | 10.176 | 2.444 | |
| 29 | 43.46 | | | | 7.00 | 18.7 | | 1.45 | 4.6 | 10.781 | 3.282 | |
| 36 | 54.37 | | | | 6.88 | 16.5 | | 1.47 | 4.8 | 11.601 | 4.174 | |
| 电源变压器电气计算参数表 (黑片) | | | | | | | | | | | | |
| 铁心型号 | P ₂ | B ₀ | H ₀ | AP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c | |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w | |
| EI-54×18 | 12.74 | 1.60 | 4.7 | 7.1 | 3.31 | 10 | 26.9 | 1.52 | 3.7 | 1.631 | 1.903 | |
| 22.5 | 18.50 | | | | 3.72 | | 32.2 | | | 2.326 | 2.378 | |
| 29 | 27.97 | | | | 4.20 | | 38.8 | | | 3.457 | 3.065 | |
| 36 | 38.30 | | | | 4.59 | | 44.4 | | | 4.690 | 3.805 | |
| EI-54×18 | 22.08 | 1.60 | 4.7 | 7.1 | 6.04 | 20 | 53.8 | 1.44 | 2.9 | 5.964 | 1.708 | |
| 22.5 | 30.03 | | | | 6.36 | 18.7 | 60 | 1.45 | 3 | 7.425 | 2.165 | |
| 29 | 39.17 | | | | 6.11 | 15.6 | | 1.48 | 3.3 | 7.794 | 2.887 | |
| 36 | 48.62 | | | | 5.94 | 13.6 | | 1.49 | 3.4 | 8.251 | 3.662 | |
| EI-54×18 | 25.60 | 1.60 | 4.7 | 7.1 | 7.53 | 26.6 | 75 | 1.39 | 2.6 | 9.882 | 1.585 | |
| 22.5 | 33.41 | | | | 7.37 | 22.7 | | 1.42 | 2.8 | 10.451 | 2.071 | |
| 29 | 44.73 | | | | 7.15 | 19.1 | | 1.45 | 3 | 11.247 | 2.779 | |
| 36 | 56.15 | | | | 7.05 | 16.9 | | 1.46 | 3.1 | 12.170 | 3.534 | |

| EI 型铁心 60Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 60Hz | | | | |
|------------------------|--------|-------|-------|--------|--------|------------|-------|--------|-------|--------|--------|------------|
| | | | | | EI-48 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | α_m |
| $L \times b$ | cm^2 | cm | kg | cm^2 | mm | mm | mm | cm^2 | cm | kg | cm^2 | |
| EI-48×16 | 2.43 | 8.91 | 0.183 | 51.2 | 8.9 | 5.7 | 73 | 0.546 | 9.0 | 0.0440 | 28.9 | 1.3 |
| 20 | 3.04 | | 0.229 | 58.2 | | | 81 | 0.558 | 9.8 | 0.0487 | | |
| 25 | 3.80 | | 0.286 | 67 | | | 91 | 0.569 | 10.8 | 0.0547 | | |
| 32 | 4.86 | | 0.367 | 79.4 | | | 105 | 0.574 | 12.2 | 0.0623 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-------------------|------------|-----------------|-------|--------|-------|-------|
| | P_2 | B_0 | H_0 | $NP_{1.5/60}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-48×16 | 6.04 | 1.60 | 7.4 | 8.35 | 2.99 | 10 | 21.2 | 1.52 | 6 | 0.854 | 1.571 |
| 20 | 9.04 | | | | 3.38 | | 25.3 | | | 1.226 | 1.964 |
| 25 | 13.22 | | | | 3.78 | | 29.7 | | | 1.747 | 2.455 |
| 32 | 19.38 | | | | 4.21 | | 34.8 | | | 2.509 | 3.143 |
| EI-48×16 | 11.29 | 1.60 | 7.4 | 8.35 | 5.62 | 20 | 39.4 | 1.44 | 4.9 | 3.207 | 1.410 |
| 20 | 16.38 | | | | 6.28 | | 47.6 | | | 4.548 | 1.763 |
| 25 | 23.28 | | | | 6.91 | | 56.7 | | | 6.390 | 2.204 |
| 32 | 33.28 | | | | 7.59 | | 66.8 | | | 9.051 | 2.821 |
| EI-48×16 | 14.20 | 1.60 | 7.4 | 8.35 | 7.83 | 30 | 62.3 | 1.36 | 4.2 | 6.702 | 1.258 |
| 20 | 20.19 | | | | 8.58 | 29.8 | 9.270 | | | 1.576 | |
| 25 | 26.68 | | | | 8.40 | 25.7 | 75 | 1.39 | 4.4 | 9.974 | 2.066 |
| 32 | 35.26 | | | | 8.22 | 22.2 | 1.42 | 4.7 | 10.879 | 2.752 | |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|-------------------|------------|-----------------|-------|--------|--------|-------|
| | P_2 | B_0 | H_0 | $AP_{1.5/60}$ | j | ΔU | $\Delta \tau_m$ | B_L | H_L | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm ² | % | °C | T | At/cm | w | w |
| EI-48×16 | 6.31 | 1.60 | 5.2 | 7.1 | 3.00 | 10 | 20.0 | 1.52 | 4 | 0.857 | 1.336 |
| 20 | 9.40 | | | | 3.40 | | 23.8 | | | 1.233 | 1.670 |
| 25 | 13.68 | | | | 3.80 | | 28.1 | | | 1.756 | 2.088 |
| 32 | 20.00 | | | | 4.24 | | 32.9 | | | 2.525 | 2.672 |
| EI-48×16 | 11.55 | 1.60 | 5.2 | 7.1 | 5.64 | 20 | 38.3 | 1.44 | 3.2 | 3.219 | 1.199 |
| 20 | 16.72 | | | | 6.30 | | 46.3 | | | 4.568 | 1.499 |
| 25 | 23.73 | | | | 6.94 | | 55.3 | | | 6.418 | 1.874 |
| 32 | 33.87 | | | | 7.63 | | 65.3 | | | 9.093 | 2.398 |
| EI-48×16 | 14.43 | 1.60 | 5.2 | 7.1 | 7.85 | 30 | 61.4 | 1.36 | 2.6 | 6.721 | 1.070 |
| 20 | 20.55 | | | | 8.66 | 74.4 | 9.412 | | | 1.337 | |
| 25 | 27.29 | | | | 8.53 | 26.1 | 75 | 1.39 | 2.8 | 10.286 | 1.749 |
| 32 | 36.17 | | | | 8.37 | 22.6 | 1.42 | 3 | 11.274 | 2.330 | |

| EI 型铁心 60Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 60Hz | | | | |
|------------------------|--------|-------|--------|--------|--------|------------|-------|--------|-------|--------|--------|-------|
| | | | | | EI-41 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S_c | L_c | G_c | F_c | h_w | δ_w | L_D | S_m | L_m | G_m | F_m | a_m |
| $L \times b$ | cm^2 | cm | kg | cm^2 | mm | mm | mm | cm^2 | cm | kg | cm^2 | |
| EI-41×13 | 1.61 | 8.15 | 0.0986 | 34.1 | 7.7 | 5.95 | 60.6 | 0.476 | 7.85 | 0.0332 | 24.2 | 1.3 |
| 16 | 1.98 | | 0.121 | 38.6 | | | 66.6 | 0.480 | 8.45 | 0.0361 | | |
| 21 | 2.59 | | 0.159 | 46 | | | 76.6 | 0.495 | 9.45 | 0.0416 | | |
| 26 | 3.21 | | 0.197 | 53.4 | | | 86.6 | 0.504 | 10.45 | 0.0469 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|--------------|-------------------|-------|-------|---------------|----------|------------|-----------------|---------|---------|-------|-------|
| | P_2 | B_0 | H_0 | $NP_{1.5/60}$ | j | ΔU | $\Delta \tau_m$ | B_{-} | H_{-} | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm^2 | % | $^{\circ}C$ | T | At/cm | w | w |
| EI-41×13 | 2.59 | 1.70 | 15 | 10.44 | 2.43 | 10 | 18.5 | 1.62 | 10.4 | 0.421 | 1.193 |
| 16 | 3.83 | | | | 2.75 | | 21.6 | | | 0.590 | 1.469 |
| 21 | 6.35 | | | | 3.17 | | 26.6 | | | 0.922 | 1.928 |
| 26 | 9.14 | | | | 3.49 | | 30.7 | | | 1.284 | 2.386 |
| EI-41×13 | 5.34 | 1.70 | 15 | 10.44 | 4.63 | 20 | 32.0 | 1.53 | 7.4 | 1.606 | 1.071 |
| 16 | 7.58 | | | | 5.18 | | 38.2 | | | 2.230 | 1.318 |
| 21 | 11.98 | | | | 5.90 | | 47.7 | | | 3.436 | 1.730 |
| 26 | 16.71 | | | | 6.43 | | 55.7 | | | 4.727 | 2.142 |
| EI-41×13 | 6.98 | 1.70 | 15 | 10.44 | 6.56 | 30 | 49.2 | 1.45 | 5.9 | 3.413 | 0.955 |
| 16 | 9.73 | | | | 7.27 | | 58.9 | | | 4.690 | 1.176 |
| 21 | 13.76 | | | | 7.06 | 24.9 | 60 | 5.121 | 1.637 | | |
| 26 | 17.44 | | | | 6.79 | 21.4 | 60 | 5.339 | 2.109 | | |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|--------------|-------------------|----------|-------|---------------|----------|------------|-----------------|---------|---------|-------|-------|
| | P_2 | σ | H_0 | $AP_{1.5/60}$ | j | ΔU | $\Delta \tau_m$ | B_{-} | H_{-} | P_m | P_c |
| $L \times b$ | W | T | At/cm | W/kg | A/mm^2 | % | $^{\circ}C$ | T | At/cm | w | w |
| EI-41×13 | 2.85 | 1.70 | 11.5 | 8.35 | 2.44 | 10 | 16.7 | 1.62 | 8.1 | 0.424 | 0.954 |
| 16 | 4.16 | | | | 2.76 | | 19.8 | | | 0.594 | 1.175 |
| 21 | 6.81 | | | | 3.19 | | 24.3 | | | 0.930 | 1.542 |
| 26 | 9.71 | | | | 3.52 | | 28.2 | | | 1.295 | 1.909 |
| EI-41×13 | 5.59 | 1.70 | 11.5 | 8.35 | 4.66 | 20 | 30.4 | 1.53 | 5.7 | 1.615 | 0.857 |
| 16 | 7.89 | | | | 5.22 | | 36.4 | | | 2.244 | 1.054 |
| 21 | 12.41 | | | | 5.94 | | 45.7 | | | 3.459 | 1.384 |
| 26 | 17.27 | | | | 6.48 | | 53.5 | | | 4.760 | 1.713 |
| EI-41×13 | 7.21 | 1.70 | 11.5 | 8.35 | 6.59 | 30 | 47.9 | 1.45 | 4.3 | 3.427 | 0.764 |
| 16 | 10.02 | | | | 7.30 | | 57.5 | | | 4.712 | 0.940 |
| 21 | 14.30 | | | | 7.20 | 25.4 | 60 | 5.329 | 1.302 | | |
| 26 | 18.34 | | | | 7.01 | 22.1 | 60 | 5.694 | 1.673 | | |

| EI型铁心 60Hz 电源变压器计算参数表 | | | | | 铁心型号 | 铁心材料 | 胶芯型式 | 60Hz | | | | |
|-----------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|----------------|-----------------|----------------|----------------|-----------------|----------------|
| | | | | | EI-28 | H50 | 抽屉式 | | | | | |
| 铁心型号 | 铁心结构参量 | | | | 线圈结构参量 | | | | | | | |
| | S _c | L _c | G _c | F _c | h _w | δ _w | L _D | S _m | L _m | G _m | F _m | α _m |
| L×b | cm ² | cm | kg | cm ² | mm | mm | mm | cm ² | cm | kg | cm ² | |
| EI-28×8 | 0.608 | 5.86 | 0.0296 | 15.68 | 6.6 | 4.55 | 37 | 0.271 | 5.13 | 0.0124 | 13.31 | 1.3 |
| 10 | 0.760 | | 0.0370 | 17.80 | | | 41 | 0.276 | 5.53 | 0.0136 | | |
| 13 | 0.988 | | 0.0481 | 20.98 | | | 47 | 0.280 | 6.13 | 0.0153 | | |
| 16 | 1.216 | | 0.0592 | 24.16 | | | 53 | 0.292 | 6.73 | 0.0174 | | |

| 铁心型号 | 电源变压器电气计算参数表 (白片) | | | | | | | | | | |
|---------|-------------------|----------------|----------------|----------------------|-------------------|----|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | NP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-28×8 | 0.81 | 1.70 | 12 | 10.44 | 4.19 | 30 | 20.5 | 1.45 | 5.5 | 0.47 | 0.29 |
| 10 | 1.23 | | | | 4.78 | | 25.2 | | | 0.68 | 0.36 |
| 13 | 1.94 | | | | 5.48 | | 31.5 | | | 1.03 | 0.47 |
| 16 | 2.81 | | | | 6.02 | | 37.6 | | | 1.45 | 0.57 |
| EI-28×8 | 0.97 | 1.70 | 12 | 10.44 | 5.45 | 40 | 27.8 | 1.36 | 4.5 | 0.82 | 0.25 |
| 10 | 1.44 | | | | 6.17 | | 34.4 | | | 1.17 | 0.32 |
| 13 | 2.23 | | | | 7.03 | | 43.3 | | | 1.77 | 0.41 |
| 16 | 3.18 | | | | 7.66 | | 51.9 | | | 2.47 | 0.51 |
| EI-28×8 | 1.01 | 1.70 | 12 | 10.44 | 6.61 | 50 | 36.2 | 1.28 | 3.6 | 1.24 | 0.22 |
| 10 | 1.48 | | | | 7.45 | | 45 | | | 1.77 | 0.28 |
| 13 | 2.27 | | | | 8.41 | | 56.6 | | | 2.64 | 0.36 |
| 16 | 3.20 | | | | 9.11 | | 67.9 | | | 3.67 | 0.45 |

| 铁心型号 | 电源变压器电气计算参数表 (黑片) | | | | | | | | | | |
|---------|-------------------|----------------|----------------|----------------------|-------------------|----|-----------------|----------------|----------------|----------------|----------------|
| | P ₂ | B ₀ | H ₀ | AP _{1.5/60} | j | ΔU | Δτ _m | B _L | H _L | P _m | P _c |
| L×b | W | T | At/cm | W/kg | A/mm ² | % | ℃ | T | At/cm | w | w |
| EI-28×8 | 0.87 | 1.70 | 9.2 | 8.35 | 4.21 | 30 | 19.5 | 1.45 | 3.9 | 0.47 | 0.23 |
| 10 | 1.30 | | | | 4.80 | | 24.1 | | | 0.68 | 0.29 |
| 13 | 2.04 | | | | 5.51 | | 30.3 | | | 1.04 | 0.37 |
| 16 | 2.94 | | | | 6.05 | | 36.2 | | | 1.46 | 0.46 |
| EI-28×8 | 1.02 | 1.70 | 9.2 | 8.35 | 5.46 | 40 | 27.0 | 1.36 | 3 | 0.82 | 0.20 |
| 10 | 1.51 | | | | 6.19 | | 33.5 | | | 1.18 | 0.25 |
| 13 | 2.32 | | | | 7.05 | | 42.3 | | | 1.77 | 0.33 |
| 16 | 3.28 | | | | 7.68 | | 51.0 | | | 2.47 | 0.41 |
| EI-28×8 | 1.06 | 1.70 | 9.2 | 8.35 | 6.63 | 50 | 35.5 | 1.28 | 2.4 | 1.24 | 0.18 |
| 10 | 1.54 | | | | 7.47 | | 44.2 | | | 1.77 | 0.22 |
| 13 | 2.35 | | | | 8.44 | | 55.8 | | | 2.65 | 0.29 |
| 16 | 3.30 | | | | 9.13 | | 66.9 | | | 3.68 | 0.36 |