

輸出：12V/20A

1 · 輸出電容漣波電流：

$$I_{opk} = I_o \times (\pi / 2) = 20 \times (3.14 / 2) = 31.4(\text{A})$$

$$I_{orms} = I_{opk} / \sqrt{2} = 31.4 / 1.414 = 22.2(\text{A})$$

$$I_{crms} = \sqrt{I_{orms}^2 - I_o^2} = \sqrt{22.2^2 - 20^2} = \sqrt{492.84 - 400} = 9.64(\text{A}) \text{ 爲漣波電流}$$