

# 50W Dual Output M2 Series



CE

- Miniature size, high power density
- Universal AC input / full range
- High reliability
- Protections: overload/ over voltage/ short circuit
- 5 years limited warranty
- F605SM 99 x 97 x 36(mm)

AC input voltage range .....	88~264VAC (124~370VDC)
Input frequency .....	47~63Hz
Inrush current .....	cold start, 20A/115V, 40A/230V
Input leakage current .....	<1mA/ 230VAC
Load regulation .....	V <sub>1</sub> : ≤ ± 0.5%, V <sub>2</sub> : ≤ ± 10%
Output voltage adjust range .....	V <sub>1</sub> : ± 5% of rated output voltage
Output overload protection .....	110~150%, hiccup mode, auto recovery
Output over voltage protection .....	115~150%, shut off, re-power on to recover
Withstand voltage .....	I/P -O/P: 3.0KVAC/1min I/P -F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Rise time .....	50ms@full load (typical)
Hold up time .....	20ms@full load (typical)
Operating temperature .....	-20°C~+50°C
Safety standards .....	meet GB4943, UL60950, EN60950
EMC standards .....	meet GB9254, EN55022 classB, EN55024 EN61000-3-2,3,EN61000-4-2,3,4,5,6,8,11
Cooling method .....	convection

Model	DC Output		R&N	Efficiency
HF50W-DSM-A	5V	0.3~6.0A	80mV	79%
	12V	0.3~3.0A	120mV	
HF50W-DSM-B	5V	0.3~6.0A	80mV	81%
	24V	0.2~2.0A	150mV	

## Drawing

