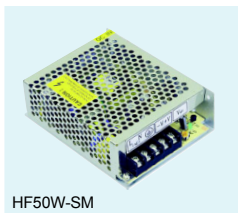


50W Single Output Mini-size Series

- Compact size, high reliability
- Built-in EMI filter
- 100% full load burn-in test
- 1 year warranty
- V1 is isolated from the other outputs
- Protections: overload/ short circuit
- F603 129 x 98 x 40(mm)



AC input voltage range	170~264VAC (210~370VDC)
Inrush current	cold start, 40A/230V
Input leakage current	< 0.7mA/ 230VAC
Line regulation (full load)	≤ ± 0.5%
Load regulation	V ₁ : ≤ ± 1%
	V ₂ ,V ₃ : ≤ ± 6%
Output voltage adjust range	single output: ± 10%, multi-output: V ₁ : ± 5%
Output overload protection	110~150%
Withstand voltage	I/P -O/P: 1.5KVAC/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 temp. & humidity	-10°C~+50°C, 20%~90%RH (non condensing)
Storage temp. & humidity	-20°C~+85°C, 20%~95%RH (non condensing)
Safety standards	design meet GB4943, UL60950, EN60950
EMC standards	design meet GB9254, EN55022 classA
	EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method	convection

Single Output

Model	DC Output		Load regul.	R&N	Efficiency
HF50W-SM-5	5V	10.0A	0.5%	100mV	70%
HF50W-SM-12	12V	4.2A	0.5%	120mV	72%
HF50W-SM-15	15V	3.4A	0.5%	120mV	74%
HF50W-SM-24	24V	2.1A	0.5%	150mV	76%
HF50W-SM-48	48V	1.0A	0.5%	150mV	81%

* 3~48VDC output all available.

Drawing

