

100W Single Output SM Series



Features:

- AC input / full range
- Miniature size, high power density
- Top international brand components for key parts
- UL, CE approved (refer to spec. of each series)
- Protections: overload/ over voltage/ short circuit
- 5 years limited warranty

Model No.	HF100W-SMF
Dimension (mm)	F605: 160×98×39
Weight & packing (/CTN)	0.43kg, 30pcs
AC input voltage range	85~132/170~264VAC selected by switch
Input frequency	47~63Hz
Inrush current	cold start, 20A/115V, 40A/230V
Input leakage current	< 1mA/ 230VAC
Line regulation (full load)	≤ ± 0.5%
Voltage adjust range	± 10%
Overload protection	105~150%, hiccup mode, auto recovery
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℃~+70℃ (refer to the derating curve)
Safety standards	GB4943, UL60950, EN60950
EMC standards	GB9254, EN55022 class B, EN55024, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11
Cooling method	convection

100W Single Output



Model	DC Output		Load regul.	R&N	Efficiency
HF100W-SMF-5	5V	14.0A	0.5%	100mV	78%
HF100W-SMF-12	12V	8.5A	0.5%	120mV	83%
HF100W-SMF-15	15V	7.0A	0.5%	120mV	83%
HF100W-SMF-24	24V	4.5A	0.5%	150mV	86%
HF100W-SMF-48	48V	2.3A	0.5%	150mV	86%

Drawing

