

50W Small-scale Power supply



General

- ◆ Single output:50W
- ◆ Input voltage range:90~260VAC
- ◆ Export Voltage:5~48VDC

Main technical parameters

Model	A richiesta	13/24540-00	A richiesta	13/24542-00
DC output voltage、current	5V 10A	12V 4.2A	15V 3.3A	24V 2.1A
Wave and noise	50mVp-p	50mVp-p	75mVp-p	100mVp-p
Inlet stability	± 0.5%	± 0.5%	± 0.5%	± 0.5%
Load stability	± 1%	± 0.5%	± 0.5%	± 0.5%
Efficiency	78%	84%	85%	87%
Adjustable range for DC voltage	± 10%	± 10%	± 10%	± 10%
AC input voltage range	85~264VAC 47~63Hz, 240~370VDC			
Input Current	1.8A/110V 0.9A/230VAC			
AC inrush current	(Cold-start current) 15A/115VAC 30A/230V			
Overload protection	105%~130% (hiccup mode, auto-recovery)			
Over-voltage protection	115%~135%			
Setup rise hold up time	200ms 100ms 30ms			
Withstand voltage	I/P-O/P: 1.5KVAC, I/P-FG: 1.5KVAC, O/P-FG: 0.5KVAC 1minute			
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG:500VDC/100MΩ			
Working temperature and humidity	-10℃~+60℃, 20%~90%RH			
Safety standards	(Design refer)GB4943, UL60950, EN60950			
EMC standards	(Design refer)GB9254, EN55022(Class)A			
Dimensions	110x78x35mm			
Weight	0.35Kg			

Dimensional Drawing

- ◆ Terminal pin no. Assignment
- Pin 1,2: AC input
- Pin 3: GND
- Pin 4: DC output -V
- Pin 5: DC output +V

