



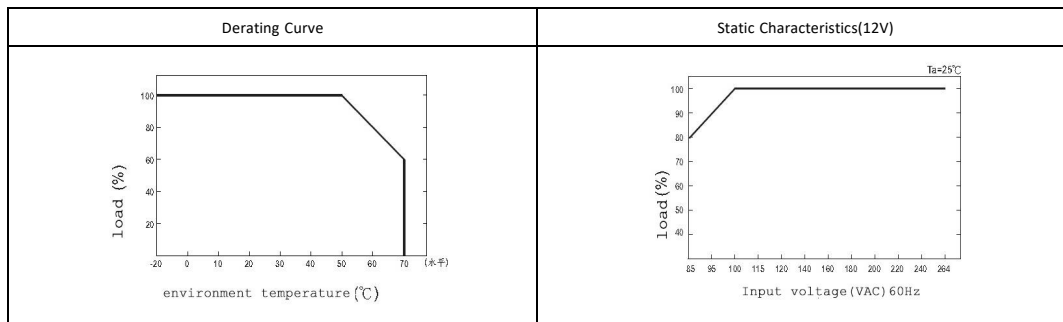
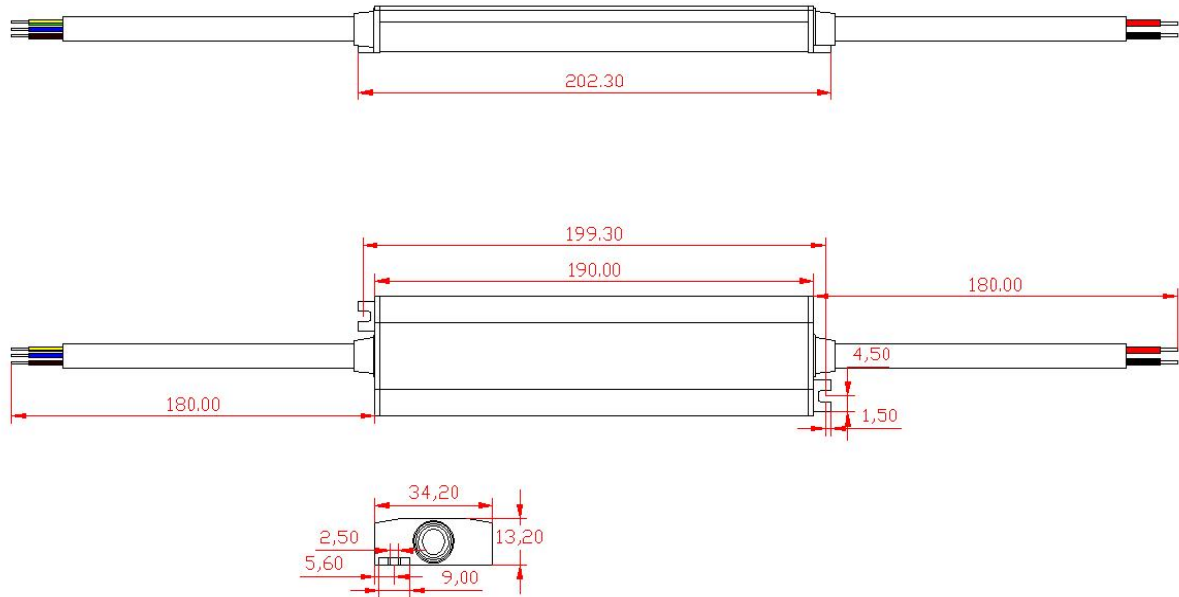
FEATURES

- 100% full load burn-in test
- Universal AC input
- Small size and high efficiency
- Constant current constant voltage design, stable output
- 2 Years warranty
- Protection: short circuit/over Voltage/over/load temperature

MODEL		24V 100W	12V 100W
OUTPUT	DC VOLTAGE	24V	12V
	RATED CURRENT	4.16A	8.3A
	CURRENT RANGE	0~3.125A	0~6.25A
	RATED POWER	100W	100W
	RIPPLE& NOISE (MAX.)	≤240mVp-p	≤120mVp-p
	VOLTAGE TOLERANCE	±5%	
	SETUP, RISE, HOLD UP TIME	1500ms,50ms,20ms at full load	
	Quiescent Current	<10mA/240VAC	
INPUT	VOLTAGE RANGE	115-240VAC	
	FREQUENCY RANGE	47~63Hz	
	POWER FACTOR(Typ.)	PF>0.6/220VAC	
	EFFICIENCY(Typ.)	90%	88%
	AC CURRENT(Typ.)	1.3A/115V, 0.64A/230V	
	INRUSH CURRENT(Typ.)	COLD START 30A/230VAC	
	SHORT CIRCUIT	protection type: recovers automatically after fault condition is removed	
PROTECTION	OVER LOAD	80-100% hiccup mode , auto-recovery	
	OVER TEMP	≥85℃ start protection, recovers automatically	
	OVER CURRENT	Exceeding the maximum current, circuit protection occurs. Once the abnormality is resolved, the circuit returns to normal.	
ENVIRONMENT	WORKING TEMP	-20℃~ +60℃	
	WORKING HUMIDITY	20%~90%RH	
	STORAGE TEMP , HUMIDITY	-40℃~+85℃,10%~90%RH	
SAFETY&EMC	SAFETY STANDARDS	EN62368-1	
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
	EMC TESTING STANDARD	EN 55032 CLASS A	
Remark	1. All parameters are the measured values under the conditions of AC220V input voltage, rated load and 25℃; 2. The ripple and noise voltages are the measured values obtained using a 12" twisted-pair cable with 0.1uF and 47uF added at the end of the oscilloscope with a 20MHz bandwidth.		

Mechanical Specification

Dimension: 202.3*34*13mm	Carton size: 275*200*160 mm
Carton Quantity: 200PCS/Carton	Weight: 0.31kg/PCS



REMARKS:

- 1, The above mentioned data were measured at 230VAC input and 25°C.
- 2, Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
- 3, Cut the AC input before checking any mal-phenomenons.
- 4, Make sure the INPUT&OUPUT were in right situation before connected to power supply.
- 5, Be ware of high power pressure may caused by short circuit when installing metal casing products.
- 6, Please contact us at info@smpspower.com for further solution if any unforeable problem happens.