

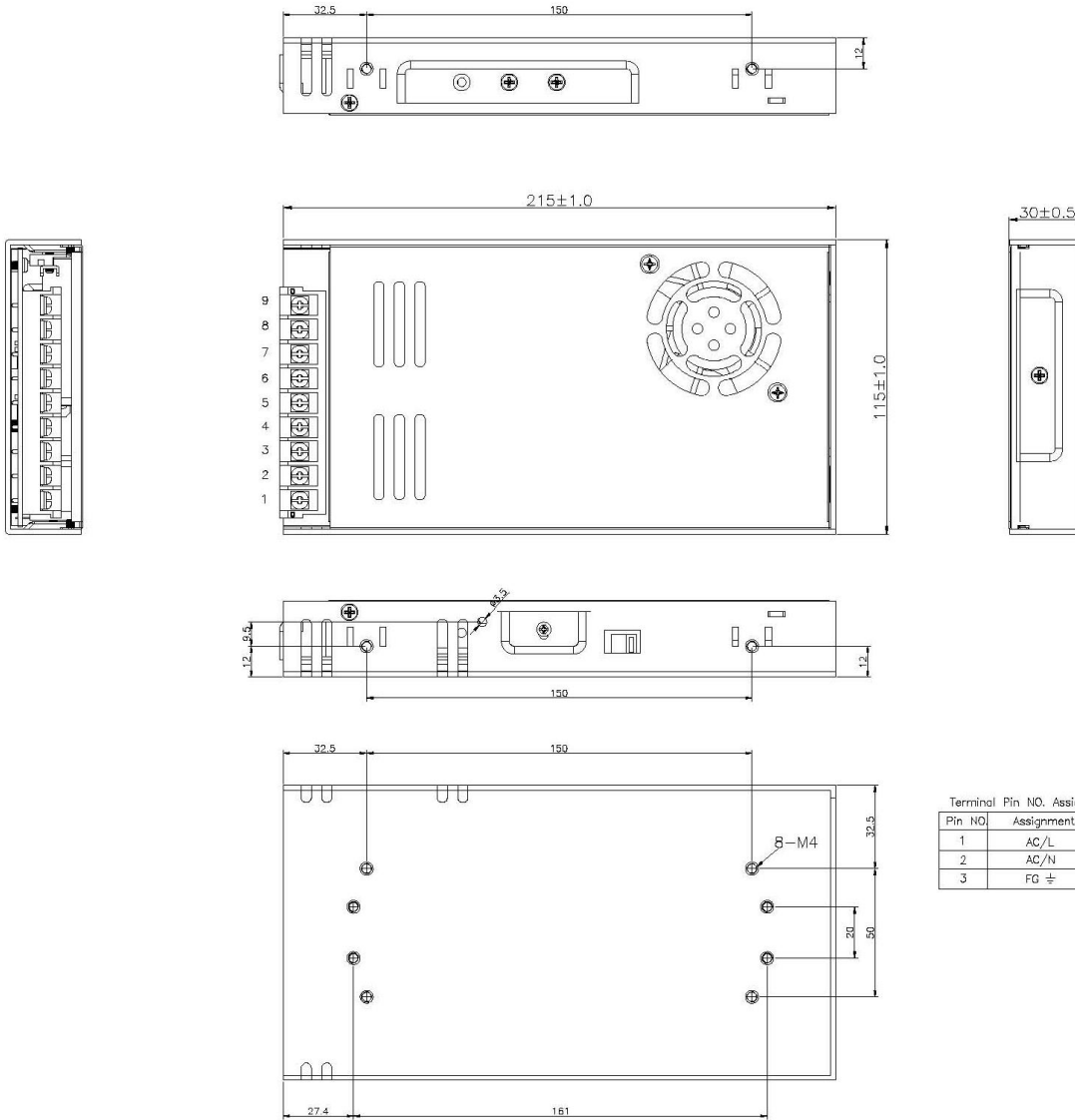
- ▲ constant voltage design
- ▲ Input 100-120VAC & 200-240VAC
- ▲ Protections: short circuit/over load/over voltage/ over temperature
- ▲ Green LED indicator for power on
- ▲ Forced air cooling by built-in DC FAN
- ▲ 100% full load burn-in test
- ▲ Class I, built-in
- ▲ 3 years warranty



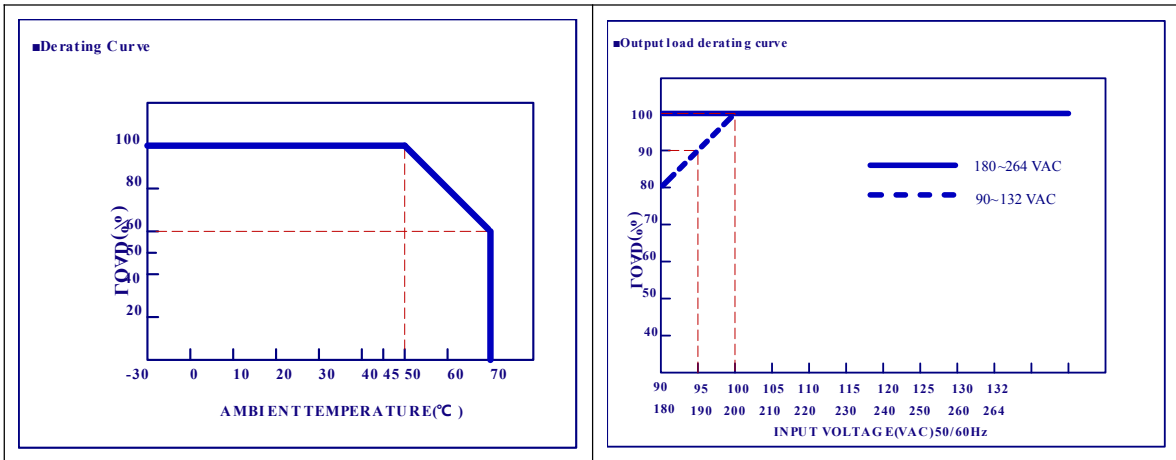
SPECIFICATION

Input	Rated input voltage	100-120VAC & 200-240VAC 280-340VDC (switch on 230VAC)		
	Range of input voltage	90-132VAC & 180-264VAC 250-374VDC (Refer to "output load derating curve")		
	Frequency(Hz)	47-63 Hz		
	Power Factor	≥0.45 @Full load, 240VAC		
	Input Current	6.8A/115VAC 3.4A/230VAC		
	Unload Power Consumption	≤6W		
	Inrush Current	COLD START ≤60A MAX. @full load AC 230V (after 1ms)		
	Leakage Current	<0.75mA(240VAC)		
Output	Rated Voltage	12V DC	24V DC	36V DC
	Voltage ADJ. Range	10.2-13.8V	20.4-27.6V	30.6-41.4 V
	Current range	29.2A max.	14.6A Max.	9.7 A Max.
	Rated load	350.4W Max.	350.4W Max.	349.2 W Max.
	Voltage Accuracy	±1% @100-120VAC & 200-240VAC		
	Voltage Regulation	±0.5% @ full load		
	Load Regulation	±0.5%		
	Setup, raise time	1300ms, 50ms/230VAC 1300ms, 50ms/115VAC @ full load		
	Hold-up Time	≥16ms/230VAC , ≥12ms/115VAC @ full load		
	Ripple & Noise Note.2	<150mVp-p	<200mVp-p	<250mVp-p
	Efficiency(Typ.)	≥83%@ full load, 230VAC	≥87.5%@ full load, 230VAC	≥90%@ full load, 230VAC
Protection	Over Load Protection	110-150% rated output power Protection type: Auto recovery		
	Over Voltage Protection	13.8 ~ 16.2V	28.8 ~ 33.6V	41.4~48.6 V
	Short circuit Protection	Protection type: Auto recovery		
	Over temperature Protection	Protection type: Auto recovery		
Environment	Operating Temperature	-30°C ... +70°C (Refer to "Derating Curve")		
	Cooling condition	Forced air cooling by built-in DC FAN		
	Storage Temp. Humidity	-40 ~ +85°C, 10 ~ 95% RH		
	Temperature coefficient	±0.03%/°C (0-50°C)		
	Working Humidity	20~95% RH, no condensation		
	Vibration	10-500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes		
Safety & EMC	Safety standards	UL60950-1		
	withstand voltage	I/P-O/P: 3.0KVAC; I/P-FG: 1.5KVAC; O/P-FG: 0.5KVAC		
	Isolation resistance	≥100M Ohms / 500VDC / 25°C / 70% RH		
	EMI	EN55022 (CISPR22) class B, GB9254 Class B, EN55014,		
	EMS	Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61000-6-2 (EN50082-2), heavy industry level, criteria A		
Others	MTBF	≥600K hrs min. MIL-HDBK-217F (25°C)		
	Dimension (L*W*H)	215*115*30mm		
	weight	0.79Kg/pc		
	packaging	21PCS/BOX		
Note	1. All parameters NOT specially mentioned are measured at 240VAC input, max rated load and 25°C of ambient temperature 2. Ripple & Noise are measured at 20MHz of bandwidth by using a 300mm twisted pair-wire terminated with a 0.1uF & 47 uF parallel capacitor.			

MECHANICAL SPECIFICATIONS



DERATING



DESCRIPTIONS OF CHANGE

ITEM	BEFORE	AFTER	VERSION	DATE
Change template			A0	2017-5-27