

**Features :**

- . AC input range selected by switch
- . Built-in parallel operation function
- . Short circuit, over voltage, over load, over temp. protected
- . Approvals : UL
- . Fix switching frequency at 25KHz
- . Forced air cooling by built-in DC fan
- . Cooling fan on/off auto control
- . 100% full load burn-in test
- . Low cost

1 year warranty

Model	PS280-13.5	PS280-27
DC output voltage	13.5 V	27 V
Output voltage tolerance	±1%	±1%
Output rated current	20 A	10 A
Output current range	0~20 A	0~10 A
Ripple & noise	150 mVp-p	150 mVp-p
Line regulation	±0.5%	±0.5%
Load regulation	±0.5%	±0.5%
DC output power	270 W	270 W
Efficiency	80%	82%
DC voltage adjustment	12~15 V	24~30 V
Input voltage range	90~132VAC / 180~264VAC selected by switch 47~63Hz ; 254~370 VDC	
AC current	5.5 / 115 VAC 3 A / 230 VAC	
Inrush current	Cold start 35 A	
Leakage current	<0.75mA/240VAC	
Over-load protection	105~135% Type : Foldback current limiting Reset : auto-recovery	
Over-voltage protection	115%~135%	
Fan control / Over Temp..Protec°	RTH3>=60°C fan on ; <=50°C fan off ; >=90°C output shutdown	
Temperature coefficient	+0.03% /°C (0°~50°C)	
Set-up, Rise, Hold-up time	200ms, 50ms, 10ms	
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min. Each axes	
Withstand voltage	I/P-O/P: 1.5 KVACVAC I/P-FG: 1.5 KVAC ; O/P-FG : 0.5 KVAC	
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG : 500 VDC /100MΩ	
Working temp. & humidity	-10°C~+60°C (refer to output derating curve)	
Storage temp. & humidity	-20°C~+85°C, 10%~95% R.H. (non-condensing)	
Dimensions	150 x 140 x 86 mm (Length x Width x Height)	
Weight	1.43 Kgs	
Safety standards	UL1012 approved	
EMC standards	FCC part 15 J conduction class B	
Notes:	-All parameters are specified at 230VAC input, rated load, 25°C & 70% R.H. ambient. - Tolerance include setup tolerance, line regulation, load regulation. - Ripple & Noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1yF & 47uF capacitor. - Line regulation is measured from low line to high line at rated load. - Load regulation is measured from 20% to 100% rated load	

