

Dimension)

L:138 mm

W:30 mm

H:23mm

Weight: 0.21Kg


CE  **IP67**
■Applications

- Industrial automation machinery
- Mechanical,electrical equipment
- IT communication equipment
- Fully isolated plastic case
- Aging equipment
- LED strips lighting
- Indoor and outdoor
- IP67 LEVEL

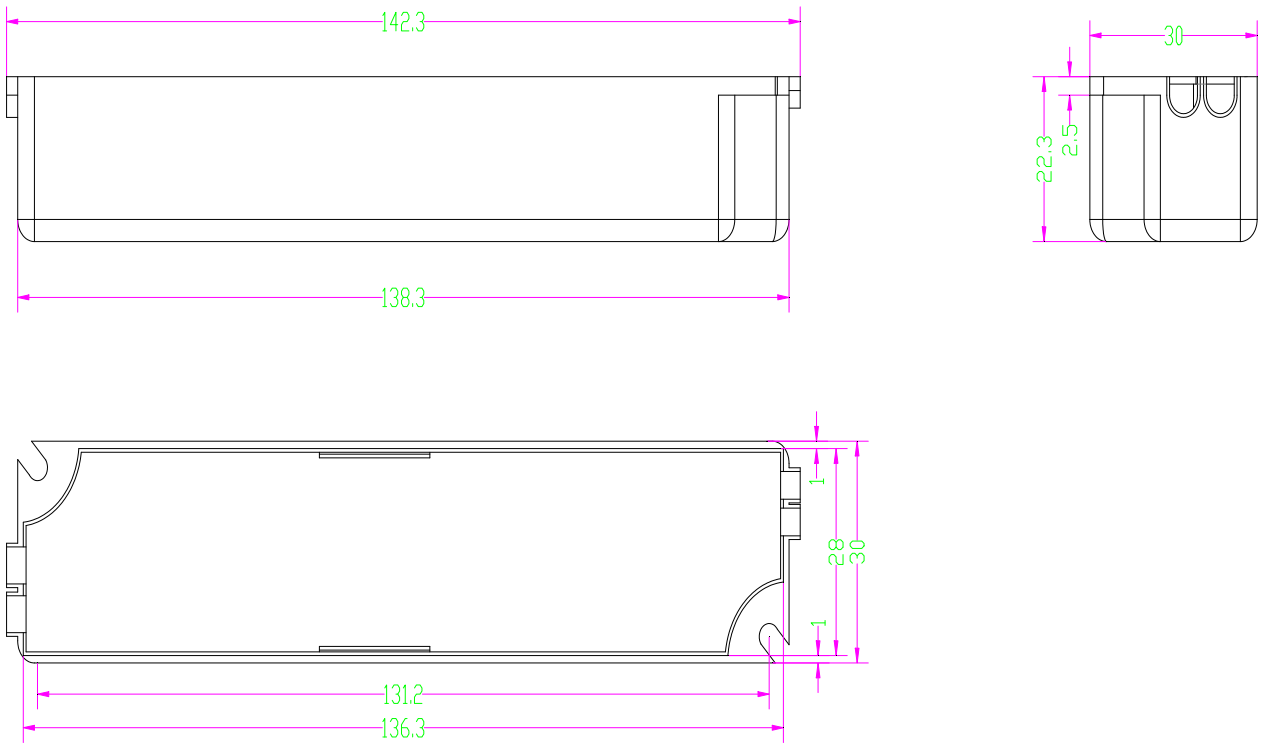
■Features

- Over-load,Over-voltage,Over-temperature
- cooling by free air convection
- 100% full load burn-in test
- No-load consumption <1.2W
- Withstand 300VAC surge input for 5s
- Working temperature up to 60°C
- 5G vibration tested
- High efficiency, long life span,high reliability
- 3 years warranty

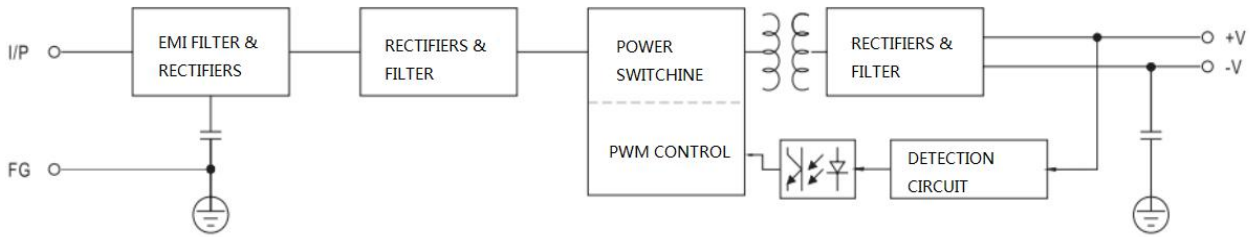
Specification

Product No.		PWP-20-12				PWP-20-24			
Output	DC voltage	12V				24V			
	Rated Current	1.66A				0.83A			
	Current Range	0-1.66A				0-0.83A			
	Rated Power	20W				20W			
	Ripple and Noise(Max)Note.2	200mVp-p				240mVp-p			
	Voltage adjustment	11.6-12.4v				23.3-24.4V			
	Voltage tolerance Note3	±3%				±3%			
	Linear Regulation Note4	±0.5%				±0.5%			
	Load Regulation Note5	±2%				0.015			
	Setup and rise time	1000ms,30ms/230VAC 1000ms,30ms/110V							
Hold up time (Typ)	50ms/230VAC 10ms/115AC								
Input	Voltage range	90-264VAC							
	Frequency range	47-63HZ							
	Efficiency (Typ)	79%	81%						
	AC current (Typ)	0.27A/90V 0.16A/220V							
	Surge (Inrush) current (Typ)	Cold start: 65A/230VAC							
	Leakage Current	<2mA/240VAC							
Protection	Overload	105% rated output power							
		Protection type: Hiccup mode, recovers automatically after fault condition is removed							
	Over voltage	13.8V-16V				28V-32V			
		Protection type: Recovers again by hand after close the output voltage							
Over temperature	Overheat protection starts when temperature in transistor over 140°C								
	Recovers automatically after temperature is normal.								
Environment	Working temp.	-20~+60°C							
	Working humidity	20~90% RH, Non-condensing							
	Storage temp & hmdty	-40~+70°C							
	Temp. coefficient	±0.03%/°C (0~50°C)							
	Vibration proof	10~500HZ,5G 10min/1 cycle, period for 60min. each along X、Y、Z axes							
Safety reg. & EMC (Note.6)	Safety regulation	GB195110.1-2004/IEC61347-1:2003 CE(EMC+LVD)							
	Voltage proof	I/P-O:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC							
	Isolation resistance	I/P-O/P, I/P-FG,O/P-FG:100M Ohms/500VDC/25°C/70% RH							
	EMC irradiation	EN 55022A:2006;EN61000-3-2:1995+A2:2005							
	EMC disturbance proof	EN 61000-3-2:2006;							
Others	Dimensions	138*30*23(L*W*H)							
	Packing	0.21Kg							
Remark	1. Unless specially indicated, all data are taken under 230VAC input, rated load and 25°C environment temp.								
	2.Ripple and noise: measured with a 12" double ripple cord connected in parallel with a 0.1μF and a 47 μF capacitor on 20MHZ								
	3.Tolerance(Accuracy): including preset errors, linear adjustment rate and load adjustment rate.								
	4.Linear adjustment: taken under rated load from low voltage to high voltage.								
	5.Load adjustment: taken under 0~100% of rated load.								
	6. Power supply is taken as part of the whole system, and needs to be confirmed with terminal instruments for EMC.								

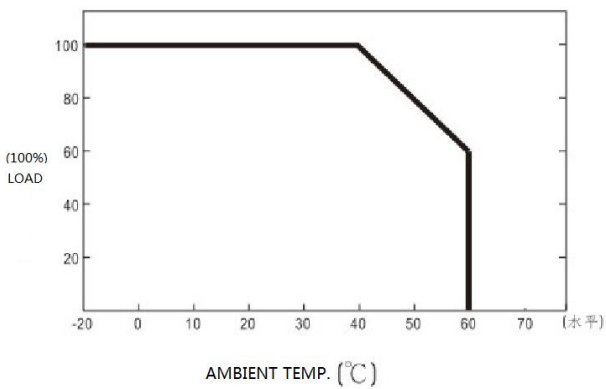
■ Appearance



■ Frame diagram



■ Derating curve



■ Static Characteristics

