**GREEN MODE** 

**RoHS** 

Country of Origin : China Operating Temperature : 0~40 [°C]

Dimension : 63 x 29 x 45 [mm]

Efficiency level (ErP):



Approvals / Marks :







Specifications					
Model	Voltage DC [V]	Loading [A]	Max. Power [W]	Ripple / Noise [mV] p-p	Connector [mm]
BB-RPS-v3-MO2-EU	12	0~1.0	12	180	WURTH 649002113322 - 2PIN

SUNNY PN: SYS1381-1212-W2E (WURTH 649002113322) 2wc 2.0m (6.6ft), customer logo ADVANTECH

## Features:

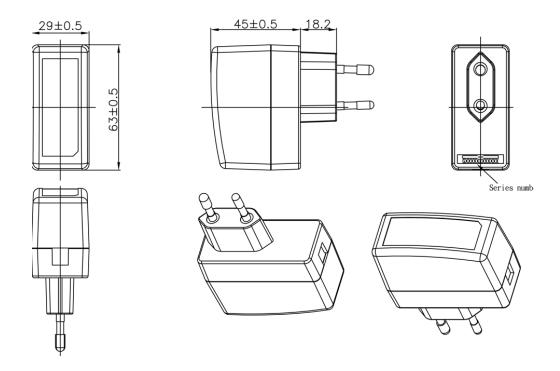
Regulated Output With Low Ripple Noise | Safety Agency Requirements and EMI/EMS Certified 2 Years Warranty

ОИТРИТ			
Turn delay	5000 ms max @ AC low line input@output full load		
Hold up time	8ms min@AC nominal input@output full load (>half cycle)		
Efficiency (Normal)	77.8% Minimum average efficiency in active mode		
Transient response (dv,tmax)	0.3v dv max At AC nominal input loading from 50% load to max load or peak load  8ms tmax   Dynamic rise time 10uS max , duty 40mS max ,		
Power out.Limit	Dynamic load step is slew rate of 0.5A/uS  Peak 13W		
Burn in limit	Full load 2 Hours		
Power consumption	Les than 0.3W ms max. At AC nominal input@output min load		
INPUT			
Voltage	(90~264)VAC		
Frequency	(47~63)hz		
Current	0.5A rms @ AC low line input and DC output full load		
Inrush Surge Current (cold start)	40/60A max@power supply cold start,ambient temperature 25°C @115Vac/230Vac nominal AC input		
leakage current	0.25mA Max		
PROTECTION			
Over current/ Short protection	The power supply will self-protect any output to ground & auto recovery when abnormal circuit faults remove. An output short circuit is defined as any output impedance less than 0.1 ohms.		
Over Voltage	The power supply will be auto recovered when faults remove		
Input protection	F1:1A 250V Fuse The power supply shall be protected against power line surges and any abnormal condition		
No Load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.		
Protection class	II		

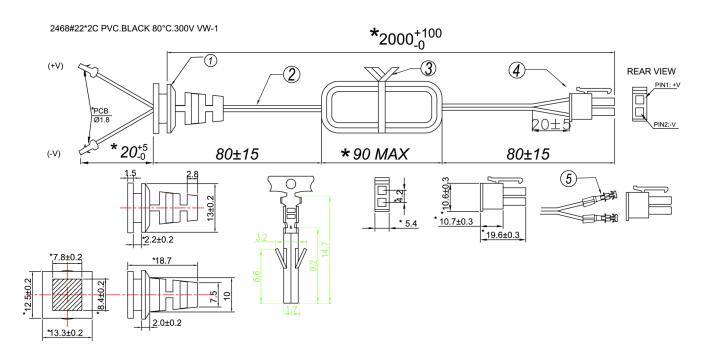
CE			
ЕМС	2014/30/EU		
LVD	2014/35/EU EN 60950-1:2006+A11+A1+A12+A2		
SAFETY			
CE   TUV/GS   CB			
OTHERS			
Dielectric Strength (Hi-pot)	Primary to Secondary:3000VAC 10mA/60S		
M.T.B.F	500,000 Calculated Hours at 25°C, by Telcordia SR-332		
Cable Length	2000mm (6.6 feet)		
PLD (power line disturbance)	Line power surge   Line voltage SAG-more info on request		
Cooling method	Natural Convection Cooling		
Housing material	PC		
Temperature coefficient:	<±0.5% / °C		
ENVIRONMENT			
Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C		
Humidity	Operating: 8%~90%RH / Storage: 5%~95% RH non condensing		
WEIGHT			
NW: 82g/pc			
GW: 95g/pc			
PACKING			
Carton box	small box 1pc / 116x54x84mm		



## Mechanical case specification:



## Cable specification:



## **Mouser Electronics**

**Authorized Distributor** 

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