5VDC, 3A, 15W Switching Power Supply

Models BB-PS-WDS, BB-PS-SDS Kit



www.advantech.com



Model BB-PS-WDS

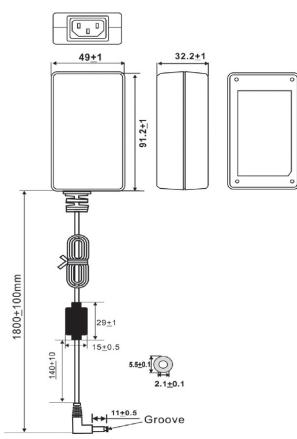


Includes NA/USA Power Cord

ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION	INCLUDES
BB-PS-WDS	5VDC, 3A, 15W Barrel Plug Power Supply	Power Supply only, (specify required power cord when ordering)
BB-PS-SDS	5VDC, 3A, 15W Barrel Plug Power Supply Kit	Power Supply with US power cord included.

MECHANICAL DRAWING - MODEL BB-PS-WDS



FEATURES

- 5VDC Output
- 120 240 VAC Input
- 10W Power
- 2.1mm Barrel Plug
- Wall Mount
- Kit option #BB-PS-SDS includes NA/USA power cord

SPECIFICATIONS - MODEL BB-PS-WDS

	NS - MODEL BB-PS-WDS	
POWER - INPUT		
Input Voltage	100 ~ 240VAC	
Input Frequency	-50/60Hz +/- 3Hz	
Efficiency	60%, minimum, full load	
In-rush Current	70A, maximum (Vin 120VAC)	
POWER - OUTPUT		
Output Power	15W	
Output Current	2A	
Output Voltage	5 (+0.5/-0) V, no load 5VDC +/-0.3V, full load (2.0A)	
Line Regulation	5%, maximum	
Hold-up Time	8mS, maximum (Vin 120VAC/60Hz)	
Rise Time	3000mS, maximum (Vin 100VAC/60Hz)	
PROTECTION		
Over-Current Input	Input power Off by fuse (fuse rating 1A/250VAC)	
Over-Load Output	No odor, smoke, fire, plastic deformation and excessive heat happen.	
Short Circuit Output	No odor, smoke, fire, plastic deformation and excessive heat happen.	
ENVIRONMENTAL		
Operating Temperature	0 to +40 °C	
Storage Temperature	-20 to +60 °C	
Operating Humidity	5 to 95%	
Storage Humidity	20 to 90%	
MECHANICAL		
Dimensions	91.2W x 49.0D x 32.2H mm	
AC Inlet	Desktop, 3-pin	
Weight, per unit	Net = 0.230 Kg (no packaging) Gross = 0.240 Kg (with packaging)	
Case Material	PC, PC+ABS or equivalent (94V-1)	
Mounting	Wall mount	
Barrel Plug	2.1 mm	
SAFETY		
Isolation Voltage	Input to output at 10 mA for 1 minute	
Isolation Resistance	Input to output at 500V DC	
APPROVALS / DIRECTIVES / STANDARDS		
Safety Standard	UL/cUL, GS, CSA, CB, CE, PSE, CCC, VS, SAA, RoHS	
EMI/EMC	EN55022, FCC Class B, C-Tick, VCCI, BSMI	
EMS	ESD, IEC61000-4-2 Level 2 Surge, IEC61000-4-5 Level 3	

All product specifications are subject to change without notice. PS-WDS_PS-SDS_4119ds



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Advantech:

BB-PS-WDS

B+B SmartWorx:

PS-WDS