5VDC, 3A, 15W Switching Power Supply

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

www.advantech.com

Model BB-PS-WDS

Model BB-PS-SDS

Includes NA/USA Power Cord

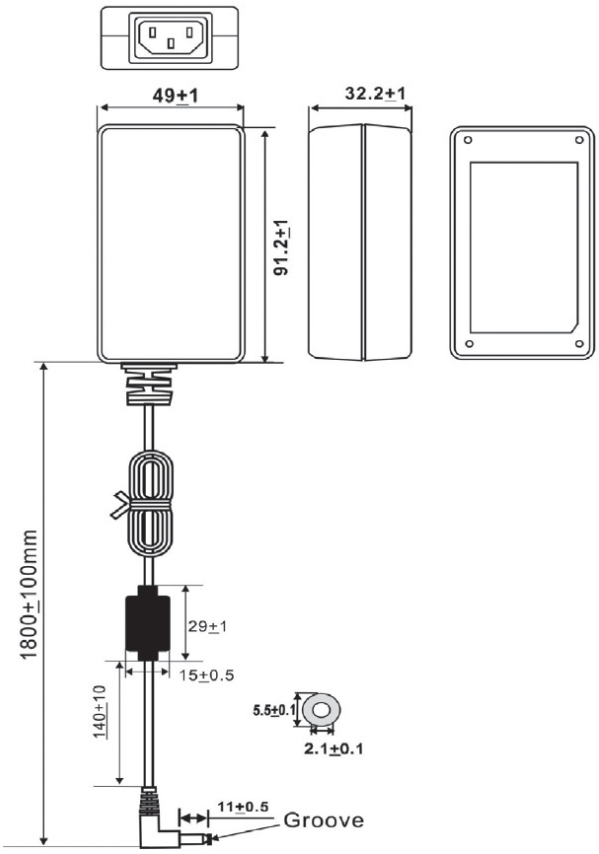
FEATURES

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

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



SPECIFICATIONS - 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.

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