

SWITCHING AC ADAPTER (12VDC 12.5A) PWA-150AWD1



* Specifications, color and design of the products are subject to change without notice.

Packing List

AC adapter ...1
AC power cable (100VAC, 3pin) *1 ...1
Product Guide ...1
Serial Number Label ...1

*1 This AC power cable is for the voltage of the 100VAC or less. It might be necessary to get a particular cable to match the power voltage or outlet shape that you are using.

Specification

Item		Specifications
Power supply space		
Rated input voltage		100 to 240VAC (continuous input), 47 to 63Hz
Permissible input voltage		90 to 260VAC (continuous input), 47 to 63Hz
Input current		2.0A Max.
Rated output voltage		+12VDC $\pm 5\%$
Rated output current		12.5A (Max)
Permissible momentary blackout		16ms or less
Dielectric strength (between Input P and S)		4.242KVDC for one minute
Insulation resistance (between P and S)		Greater than 50M Ω (500VDC)
Environmental specs		
Temperature	Operating	-20 to 70°C *1
	Non-operating	-40 to + 85°C
Humidity	Operating	0 to 95%RH (No condensation)
	Non-operating	0 to 95%RH (No condensation)
Floating dust particles		Not to be excessive
Corrosive gases		None
Standard (Excluding AC power cable)		PSE, FCC, CE, UL/cUL, CB, TUV, DoE VI
Construction		
Length of cable		AC Power cable: 1.8m, DC cable: 1.2m
Input Plug Shape		AC Code : IEC60320-C13 AC Inlet : IEC60320-C14
Physical dimensions (mm)		77.6 (W) x 168.0 (D) x 45.2 (H) (not include projection of cable)
Weight		Main body: 750g, AC power cable: 260g
MTBF *2		100,000H (temperature 25°C)
Longevity *2		10,000H (temperature 25°C, 100VAC, with full load) 38,000H (temperature 25°C, 100VAC, with 60% load) 90,000H (temperature 25°C, 100VAC, with 30% load)

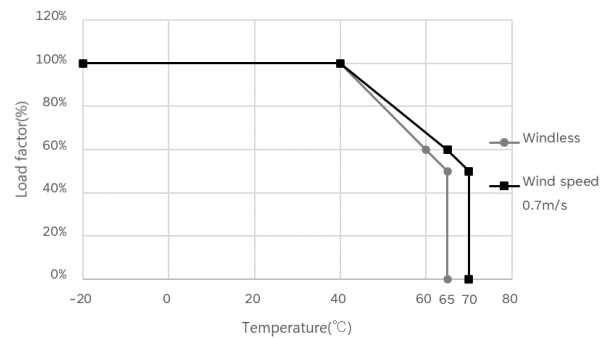
*1 Derating is available depending on load conditions.

*2 Estimates of MTBF and Longevity are not guaranteed but are for reference only.

This product is the AC adapter for input: 100 - 240VAC and output: +12VDC 12.5A.

- * The contents in this document are subject to change without notice.
- * Visit the CONTEC website to check the latest details in the document.
- * The information in the data sheets is as of September 2022.

Temperature derating



Physical Dimensions

