

## Waterproof Power Supply



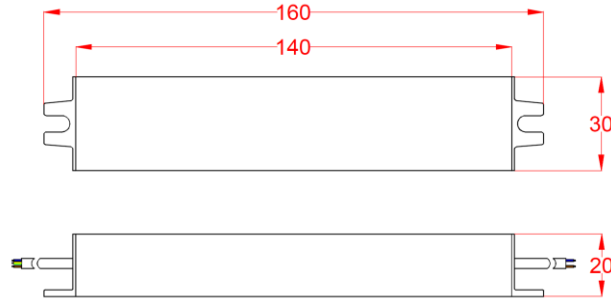
### Highlights:

- Constant Voltage design.
- AC input Voltage range 100-250Vac.
- Protections: Short circuit/Over load/Over current
- Cooling by Convection or Forced air.
- Thickness Aluminum Profile Housing.
- IP67 waterproof grade.
- Lifespan 50,000 hrs.

SPECIFICATION		IB-DPBA-36-12	IB-DPBA-36-24
<b>OUTPUT</b>	Rated DC voltage	12V±0.5V	24V±0.5V
	Current range	0-3A	0-1.5A
	Rated Power	36W	
	Ripple & Noise	≤200mVp-p	≤400mVp-p
	Setup, Rise time	50ms/230VAC	
	Hold up time	20ms/230VAC	
<b>INPUT</b>	Voltage range	AC100-250V (AC110V maximum load does not exceed 60%)	
	Frequency range	50-60HZ	
	Efficiency (Typ.)	≥84%	≥86%
	Power factor	0.65(max)	
	Leakage current	0.25mA/230VAC	

<b>PROTECTION</b>	Over Current	105%-130%
		Protection type: Hiccup mode
	Reset After Shutdown	after the fault has been removed
<b>ENVIRONMENT</b>	Working TEMP.	-20°C-45°C
	Storage TEMP.	-40°C-80°C
	Working Humidity	0--100%
	Vibration	10-500HZ, 2G 10min/1cycle, preiod for 60min, each along X,Y,Z axes
	TEMP. coefficient	±0.03%°C (0-50°C)
<b>SAFETY&amp;EMC</b>	Safety Standards	Design refer to LVD EN61347-2-13:2006, EN61347-1:2008
	With stand Voltage	I/P-O/P: 1.5KVAC, I/P-COVER: 1.5KVAC, O/P-COVER: 500VDC
	Isolation Resistance	I/P-O/P:>100M Ohms/500VDC/25°C /70% RH
	EMC	EN55015:2006/A2:2009, EN61000-3-2:2006/A2:2009, EN61000-3-3:2008, EN61547:2009
<b>OTHERS</b>	MTBF	50,000 Hours (25°C)
	Certificates	RoHS, CE, FCC, UKCA
	Dimension	160*30*20mm (L*W*H) (Without line)
	Weight	150g
	Packaging	35.5*25*22.5cm/100PCS

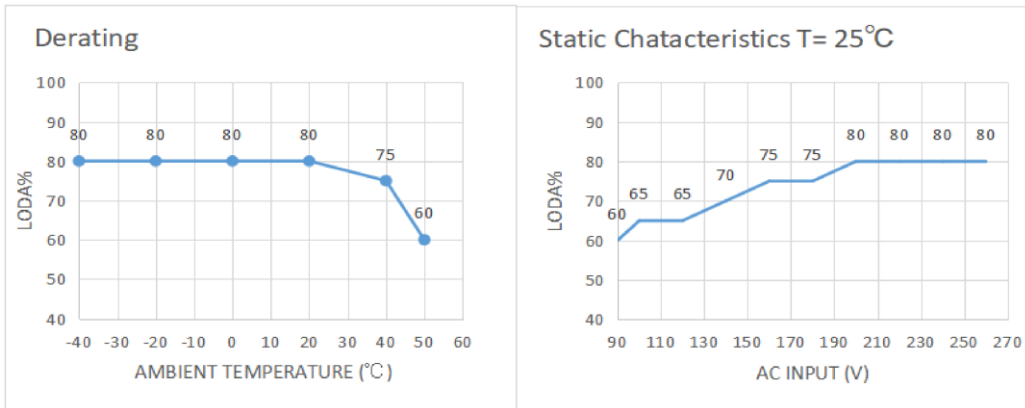
Dimension (Unit: mm)



Wiring diagram:



Load derating curve:



Edition

Data is subject to change without notice.  
Please contact us for detailed information.

Release Date	Issuance of Category
2025.09.01	The 1st. Version