

## XDriver™

Waterproof 100W LED Power Supply



ATG ELECTRONICS

ATG Electronics® XDriver™ Waterproof 100W LED Power Supply is a universal device that operates on input voltage ranging from 90VAC~130VAC and 170VAC~250VAC and provides 8.5 amperes of filtered and regulated 12VDC power (nominal) to LED lighting fixtures, controllers or decoders etc.

XDriver™ Waterproof 100W comes with a 1 meter (3.3 feet) long power cord with American plug or European plug to suit different interface. It also has a 1 meter (3.3 feet) long cable, which can directly attach to ATG Electronics products or via power adaptor board.

XDriver™ Waterproof 100W is contained in an aluminum housing and rated as IP66 degree (applicable for dry, wet and damp environment). The mounting brackets at both ends of the power supply can enable customers to install it easily.

Waterproof 100W is the ideal and cost effective solution for driving quantity of 12VDC LED lighting fixtures, controllers or decoders etc. It has successfully been installed with thousands of LED lighting systems in the world.



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Light your world  
Color your life!

## Features

- Direct Assembly on DIN-Rail.
- Enclosed and compact housing, weather resistant.
- Overload Protection, Constant Current Limiting, Reset: Auto Recovery.
- Short-Circuit Proof, 100% Full Load Burn-in Test.
- Built-in EMI Filter, Low Ripple Noise.
- Plug is available for North America, Europe etc.
- Simple primary hook-ups, Class 2 outputs.
- No minimum load, no load balancing and no dip switches.
- Proven reliability at low cost.

## Part Numbers

Part Number	Description	Unit
HPS-12100-XZ0000-AM	waterproof, 100W, 12VDC 8.5A, American Plug	pcs
HPS-12100-XZ0000-EU	waterproof, 100W, 12VDC 8.5A, European Plug	pcs
HPS-24100-XZ0000-AM	waterproof, 100W, 24VDC 4.5A, American Plug	pcs
HPS-24100-XZ0000-EU	waterproof, 100W, 24VDC 4.5A, European Plug	pcs

## Technical Specifications

Specification	Part Number	HPS-12100-XZ0000-AM	HPS-24100-XZ0000-AM
		HPS-12100-XZ0000-EU	HPS-24100-XZ0000-EU
Input Voltage	90VAC~130VAC/170VAC~250VAC		
Input frequency	50 Hz~60 Hz		
Output Voltage	12VDC		24VDC
Output Current	8.5 A		4.5A
Line regulation (full load)	<3%		
Full load efficiency	>78%		
Inrush current	40 A/230V (cold start)		
Input leakage current	<0.75 mA/230VAC		
Output voltage adjust range	±0.5V		
Output overload current protection	120%		
Output overload voltage protection	120%		
Operating Temperature	-25°C ~ 40°C ( -13°F ~104°F )		
Cooling method	Convection		
IP Rating	IP 66 (applicable for dry, wet and damp environment)		
Dimension	L240 * W70 * H45 mm (L9.45 * W2.76* H1.77 inch)		
Weight	1200 g		



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