

# QDriver™

## 30W LED Power Supply



ATG ELECTRONICS



ATG Electronics® QDriver™ 30W LED Power Supply is a universal device that operates on input voltage ranging from 90VAC-240VAC, and provides 2.5A amperes of filtered and regulated 12VDC power (nominal) to LED lighting fixtures, controllers or decoders etc.

QDriver™ 30W comes with a 1.5 meter (4.92 feet) long power cord with American plug or European plug to suit different interface. It also has a 1.5 meter (4.92 feet) long cable, which can directly attach to ATG Electronics products or via power adaptor board.

QDriver™ 30W is contained in a compact plastic housing and rated as IP68 degree (applicable for dry, wet, and damp environment, submersible for underwater installation). The mounting brackets at both ends of the power supply can enable customers to install it easily.

QDriver™ 30W is the ideal and cost effective solution for driving a small quantity of 12VDC LED lighting fixtures, controllers or decoders etc. It has successfully been installed with thousands of LED lighting systems in the world.

**ATG**  
Electronics Corp.

Light your world  
Color your life!

## Features

- Direct Assembly on DIN-Rail.
- Enclosed and compact housing, weather resistant.
- Overload protection, constant current limiting.
- 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-12030-Z00000-AM	Waterproof, 30W, 12VDC 2.5A, American Plug	pcs
HPS-12030-Z00000-EU	Waterproof, 30W, 12VDC 2.5A, European Plug	pcs

## Technical Specifications

Input Voltage	90VAC~240VAC
Input frequency	50 Hz~60 Hz
Output Voltage	12 VDC
Output Current	2.5 A
Line regulation (full load)	<± 1%
Full load efficiency	>80%
Inrush current	35 A/220V(cold start)
Input leakage current	<0.7mA/220VAC
Output voltage adjust range	±0.5V
Output overload current protection	110%~130%
Output overload voltage protection	115%~150%
Operating temperature	-25°C ~ 40°C ( -13°F ~104°F)
Cooling method	Convection
IP Rating	IP 68 (submersible)
Dimension	L142 * W71* H44 mm ( L5.6 * W2.8 * H1.7 inch)
Weight	510g



**ATG ELECTRONICS**

**ATG Electronics Corp.**

628 Zhangyang Road, Suite 1-21B, Shanghai 200122, CHINA  
www.atgelectronics.com      E-mail: sales@atgelectronics.com  
Phone: +86-21-58350166      Fax: +86-21-58351977

V4.2-080307