

QDriver™

18W LED Power Supply



ATG ELECTRONICS



ATG Electronics® QDriver™ 18W LED Power Supply is a universal device that operates on input voltage ranging from 90VAC-250VAC, and provides 1.5A amperes of filtered and regulated 12VDC power (nominal) to LED lighting fixtures, controllers or decoders etc.

QDriver™ 18W 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™ 18W is contained in a compact plastic housing and rated as IP67 degree (applicable for dry, wet and damp environment). The slim profile makes it suitable for most confined spaces; and mounting brackets at both ends of the power supply can enable customers to install it easily.

QDriver™ 18W 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-12018-Z00000-AM	Weatherproof, 18W, 12VDC 1.5A, American Plug	pcs
HPS-12018-Z00000-EU	Weatherproof, 18W, 12VDC 1.5A, European Plug	pcs

Technical Specifications

Input Voltage	90 VAC~250 VAC
Input frequency	50 Hz~60 Hz
Output Voltage	12 VDC
Output Current	1.5 A
Line regulation (full load)	< ±1%
Full load efficiency	>80%
Inrush current	35A/220 V(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 (Work environment)	IP 67 (applicable for dry, wet, damp environment)
Dimension	L203 * W27 * H26 mm (L8 * W1.06 * H1.02 inch)
Weight	246 g



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

V4.2-080306