



Overview

XLP series is for off-grid solar system, such as home systems, CCTV, street and garden lights, parking area and bus station illumination. It adopts the most advanced digital technique and operates fully automatically. The Pulse Width Modulation (PWM) battery charging can greatly increase the lifetime of the batteries, delivering sizeable benefits over standard charge controllers.

Features

- 4 stage charging: Bulk, Absorption, Float, Equalize.
- Highly efficient Series PWM charging.
- Use MOSFET as electronic switch.
- Automatically recognize day/night.
- LCD Display.
- 12/24V automatic recognition.
- USB output 2 x 2.0A
- Reverse polarity and reverse current protection.

Technical Data

Model	XLP-10A	XLP-20A	XLP-30A	XLP-40A	XLP-50A	XLP-60A
Nominal System Voltage	12/24VDC					
Max. Input Voltage	55V					
Suitable Battery Type	Sealed, Gel, Flood					
Charge Current	10A	20A	30A	40A	50A	60A
Float Voltage	13.8V (adjustable) (27.6V)					
Equalization Voltage	14.4V (28.8V)					
Low Voltage Disconnect (LVD)	11.0V (adjustable) (22.0V)					
Low Voltage Reconnect (LVR)	12.6V (adjustable) (25.2V)					
Temperature Compensation	-24mV/°C (12v system)					
USB Output	2 way USB output 5V, 2.0A					
Operating Temperature	-20 to +55°C					
Terminal Scale	28 - 10 AWG					
Waterproof Grade	IP32					
Size	133 x 93 x 30 mm		153 x 101 x 37 mm		175 x 115 x 43 mm	