

## CL Series Solar Charge Controller



**CL12/24-30A**

**CL12/24-40A**

**CL12/24/48-60A**

### General Features

- 4 Stage battery charging algorithm
- Battery type selection: Sealed, Gel, Flooded or user defined
- Automatic detection of voltage: 12V/24V/48V
- 5V / 1A USB output
- High Voltage Disconnection/Recovery, Low Voltage Disconnection/Recovery
- Reverse current/polarity protection

### Specifications

Model	CL12/24-30A	CL12/24-40A	CL12/24/48-60A
Maximum Voc of PV Module	100 VDC		
Charge Technology	PWM		
Charge Method	4 Stage Charging (Bulk-Absorption-Float-Equalization)		
Rated System Voltage	12V / 24V		
Rated Charge Current	30 A	40 A	60 A
Absorption Voltage	14.4 V (for 24V x2, for 48V x4)		
Float Voltage	13.8 V (for 24V x2, for 48V x4)		
USB Output	5V / 1A		No
Battery Types	Gel,SLD,FLD		
Installation cable size	16 mm <sup>2</sup>		25 mm <sup>2</sup>
Dimensions	188 x 95 x 48.5 mm	198 x 111 x 54 mm	188 x 125 x 56 mm
Weight	360 g	395 g	703 g

### 4 Stage Charging

