

## SOLAR CONTROLLER FOR SOLAR STREET LIGHT SYSTEMS

It's the second generation of the EPRC solar controller. It provides automatic lighting control function. Good for street and pathway lighting, parking area, bus station and etc.

Microcontroller digital accuracy  
PWM charge mode & state of charge (SOC)  
Fully automatic operation & Electronic protections  
Detects day and night using the PV array, timer setting  
Double digital LED display, numbers equal to timer setting  
Temperature compensation, with external temperature sensor  
Big terminals, big distance between terminals.

MODEL NO: EPRC

EPRC-ST5: 12 VOLT or 12/24 VOLT auto work, 5 AMPS (for PV and load)

EPRC-ST10: 12 VOLT or 12/24 VOLT auto work, 10 AMPS (for PV and load)

Equalisation voltage: 14.8 Volt

High voltage disconnect (HVD): 14.4

Float voltage: 13.6 Volt

Low voltage disconnect (LVD): 11.1 Volt

Low voltage reconnect (LVR): 12.6 Volt

Self-consumption: 6mA maximum

Temperature Compensation:  $-30\text{mV}/^{\circ}\text{C}/12\text{V}$

Terminals: for wire sizes to 6mm<sup>2</sup>

Temperature:  $-35^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

Dimension: 133x69.9x33.5mm

Compliance: CE

