

## SOLAR CONTROLLER FOR SOLAR HOME SYSTEMS

It is the second generation of the small solar controller, more reliable, and economical. It is ideal for rural electrification system.

Microcontroller digital accuracy  
PWM charge mode & state of charge (SOC)  
Fully automatic operation & Electronic protections  
Temperature Compensation:  $-30\text{mV}/^{\circ}\text{C}/12\text{V}$   
Big terminals, big distance between terminals.

MODEL NO: EPHC-EC

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

EPHC-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: 133x69.9mm  
Compliance: CE

