

# ERI-10MSCC

System Voltage: 12/24V Auto Recognition  
Max. Charge/ Load Current: 10A  
Max. MPPT Efficiency: 99%  
MPPT Tracking Range:  $15 < V_P < 45$  (12V) |  $30 < V_N < 45$  (24V)  
Max. Solar Open-Circuit Voltage: 55V  
Float Charge: 13.6 (12V) | 27.2 (24V) 25°C  
Equalization Charge: 14.4 (12V) | 28.8 (24V)  
Load Disconnect: 11/22V  
Load Reconnect: 12/24V  
Over-charge Protection: 16/32V  
Communication: IRDA  
Temperature Compensation:  $-4\text{mV/C} \cdot 2\text{V}$   
Self-consumption: 5-10mA  
Day/ Night Detect Voltage: Day:  $>6\text{V}$  | Night:  $<5\text{V}$   
Day/ Night Detect Delay: 3 Minutes  
Operating Temperature:  $-30 \sim +60^\circ\text{C}$   
Max. Altitude: 4000m above sea level.  
Dimension: 130\*82\*20mm  
Weight: 350g  
Protection Degree: Ip68 (1.5m, 72h)

