

## ESCD 30 / ESDC 40

PWM



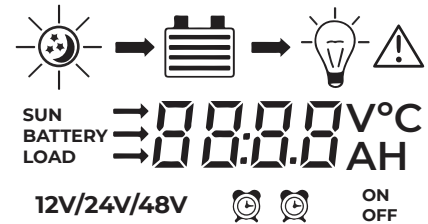
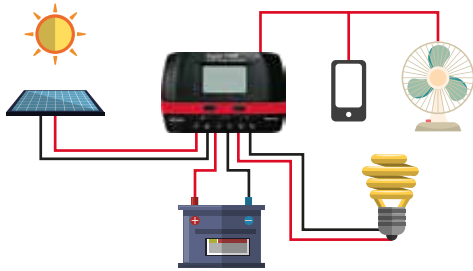
## ESCD 60 / ESDC 60 Plus

PWM



Automatic System Voltage Recognition 12/24  
 Understandable LCD Display and Easy Operation with Double Button  
 Intelligent High Efficiency Time Definition Load Control with 3-Step PWM  
 Switching Reliable for Street Lighting; Over Voltage Protection / Short  
 Circuit Protection / Overload Protection Over Charge Protection / Over  
 Discharge Protection Temperature Controlled Battery Charge

Automatic System Voltage Recognition 12/24/48  
 Understandable LCD Display and Easy Operation with Double Button  
 Intelligent High Efficiency with 3-Step PWM  
 Time Definition Load Control  
 Switching Reliable for Street Lighting; Over Voltage Protection / Short  
 Circuit Protection / Overload Protection Over Charge Protection / Over  
 Discharge Protection  
 Temperature Controlled Battery Charge



MODEL	ESCD 30	ESCD 40	ESCD 60	ESCD 60 Plus
System Voltage	12/24v Auto			48V
Charge Current	30A	40A	60A	
Discharge Current	30A	40A	60A	
Max Solar Input	<55V			<100V
Low Voltage Protection	11.0V(9V~12V); *2 24V		11.0V(9V~12V); *2 24V;*4 48V	
Low Voltage Recovery	12.6V(11V~13.5V); *2 24V		12.6V(11V~13.5V); *2 24V;*4 48V	
Charging voltage	13.8V(13V~15V); *2 24V		13.8V(13V~15V); *2 24V;*4 48V	
Boost Charge	14.4V; *2 24V		14.4V; *2 24V;*4 48V	
Battery Over Voltage Protection	16.5V; *2 24V		16.5V; *2 24V;*4 48V	
Reverse Connection Protection	Yes			
Load Over Current Protection	Yes,Each 2 Minutes Restart			Yes
Self Consume	<12mV			
Charge Type				PWM
Temperature Compensation	-24mV/°C for 12V; *2 24V		-24mV/°C for 12V; *2 24V;*4 48V	
Operating Temperature	-20°C-55°C		-20°C-55°C	
Terminal Scale	28-10AWG			
Waterproof Grade	IP32			
Size/Weight	168mmX92mmX41,5mm-/320g			650g

Note: Depending on the needs, technical specifications can be updated. The values in orange should be multiplied by 2 for 24V systems and by 4 for 48V systems.

