



FEATURES

1. Clock timing function
2. Built-in two 5V2.1A USB interfaces
3. Extreme Low Power Consumption
4. LCD Display with backlight
5. Adjustable charging voltage
6. Light control mode, Time control mode
7. Designed for 12V/24V/48V solar power system
8. Hanging style design makes it convenient to install
9. Available in 10A/20A/30A/40A/50A/60A
10. Simple options, automatic memory retention of users settings
11. High and low voltage protection, overcurrent protection, overload protection, lightning protection



Technical Parameter

ST-E-series

MODEL	ST-E1210	ST-E1220	ST-E1230	ST-E1240	ST-E1250	ST-E1260
To Adapt To The Battery	12V/24V/48V Automatic, (Battery voltage < 16V: 12V system; Battery Voltage > 18V: 24V system; Battery Voltage > 42V: 48V system)					
Rated Charger Voltage	12V: Solar panels input voltage range 18-25V 24V: Solar panels input voltage range 36-45V 48V: Solar panels input voltage range 65-100V					
Rated Charger Current	10A	20A	30A	40A	50A	60A
Rated Output Current	10A	20A	30A	40A	50A	60A
Maximum Output Current	12A	24A	35A	45A	55A	65A
Short Circuit Protection	Three times the rated short circuit current fast protection					
Charging Voltage	(24V Battery*2/48V Battery*4, Parameters can adjust in the Settings menu)					
Under-voltage Protection Voltage	Default 10.5V, (24V Battery*2/48V Battery*4, Parameters can adjust in the Settings menu)					
Recovery Voltage After Overvoltage	Default 12.5V, (24V Battery*2/48V Battery*4, Parameters can adjust in the Settings menu)					
Stand-by Power Consumption	<20mA					
Load Overload Automatic Recovery	30S					
Double USB Output	5V 2A					
Dimension	180*106*42mm			203*120*43mm		