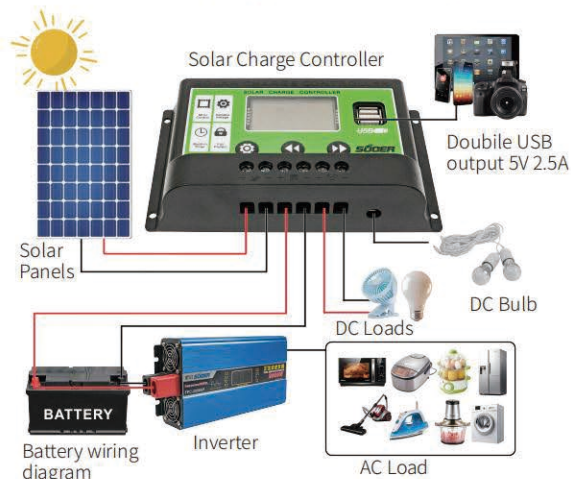




Solar charging system connection diagram



FEATURES

1. Build-in industrial micro controller.
2. Segment LCD display, all adjustable parameter.
3. Fully 3-stage PWM charge management.
4. Dual USB output, the maximum current of 2A, to support mobile phone charging.

Technical Parameter

ST-D -series

MODEL	ST-D1210	ST-D1220	ST-D1230	ST-D1240	ST-D1250	ST-D1260
Battery Voltage	12V-24V AUTO					
Charge Current	10A	20A	30A	40A	50A	60A
Discharge Current	15A	15A	15A	30A	30A	30A
Max Solar Input	12V battery, the highest 25V; 24V battery when the highest 45V					
Battery Type	B1=Lead acid battery 12V/24Vauto B2=Lithium-ion battery (lithium battery)3 strings 3.7V=11.1V B3=Lithiumiron phosphate battery 4 strings 3.2V=12.8V					
Equalization	14.4V(B1) 12.6V(B2) 14.6V(B3)					
Discharge Stop	10.7V(B1) 9V(B2) 10V(B3)					
Dischargereconnect	12.6V(B1) 10.5V(B2) 12V(B3)					
Voltage Of Open Light	Solar panel 7V±1V(Light lights delay)					
Voltage Of Close Light	Solar panel 7V±1V(Light off delay)					
USB Output	2 USB output, 5V/2A(MAX)					
Self-consume	<20mA					
Operating Temperature	-35 ~ +60℃					
Size/Weight	133.5*70*35mm /165g			168*99*40mm /165g		