





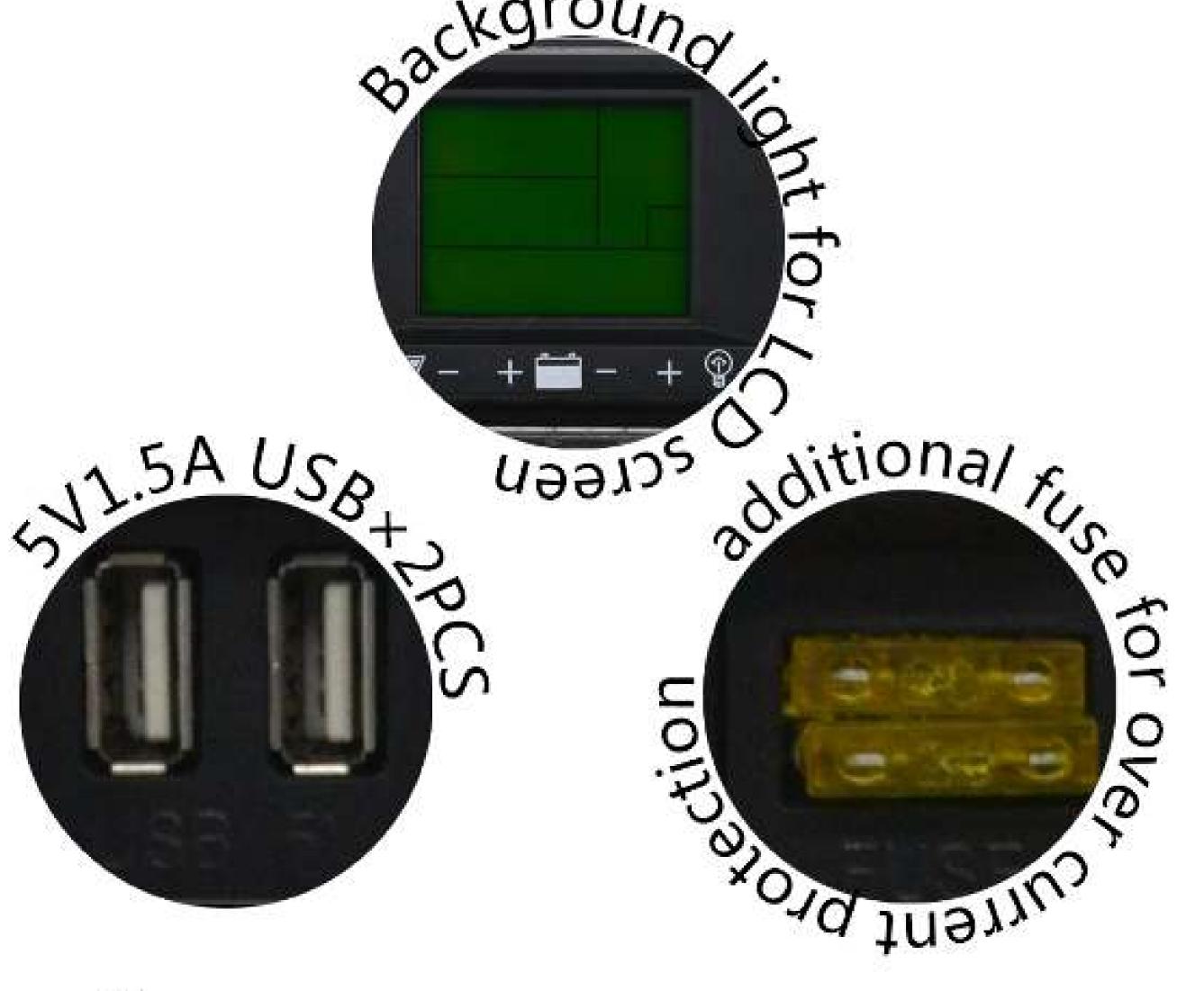


SC2410-SC2430, SC4810-SC4830 (12/24/48v, 10A-30A)

The product is multi-functional LCD solar controller with clock display and seven operating modes that are charging mode, light control mode, light and time delay control mode, universal control mode, manual control mode, timing control mode and testing mode. Among them, test mode is only applicable to the factory test. Charging control is applicable to any mode, as long as the charging condition is reached, it can charge immediately.

- 1.Charging mode: in any case, never discharge
- 2. Light control mode: when the controller detects nights, it will delay ten minutes then start to discharge; when it detects daytime, it will delay ten minutes then stop discharging.
- 3. Light and time delay control mode: when the controller detects nights, it will delay ten minutes then to start to discharge and count down, if the timer stops by zero, discharge will stop. The longest duration of delay is 23:59.
- 4.Universal control mode: under the trouble-free condition, it always keep discharging.
- **5**.Manual control mode:it uses "" for discharging or not.
- 6. Timing control mode: it open or closes the discharge regularly
- 7. Test mode: it is the same as light and time delay control mode but only loses ten minutes of time delay.
- 8.The controller still discharge under low voltage protection. Touch-holding "" for 5 seconds, discharge continues to output. But discharge is only stopped by hand. Notice that this performance may damage the battery, be careful with it!

OPTIONAL FUNCTIONS





USB Output



Battery type





Clock







MOEDL	SC2410	SC2415	SC2420	SC2430	SC24810	SC24815	SC24820	SC24830
Solar Input								
Rated input current	10A	15A	20A	30A	10A	15A	20A	30A
Input Voltage	≤50V				≤100V			
Battery								
System Voltage	12/24V Auto				48V			
Battery Type	GEL battery, lead acid battery, Li-ion battery							
Charging Mode	PWM charging mode							
Float charge voltage	14.2V/28.4V				56.8V			
Load								
Rated load current	10A	15A	20A	30A	10A	15A	20A	30A
Low voltage disconntect	10.5V/21V				42V			
Low voltage reconntect	11.5V/23V				46V			
Ovr voltage disconnect	16V/32V				64V			
Related Infom	ation							
Operating temperature	-25℃~55℃							
Dimension	20 × 10.6 × 5.6CM							
Weight	320—450G							
Packing Quantity	20PCS/Carton							

