



CK series PWM solar charge controller

CK10U

(10 A)



CK10U solar charge controller is an extension of a classic controller. The appearance of this controller is simple and clear, little red button design makes it easy to use. The product inheriting and optimizing the classic circuit design, added USB 5V output and DC 12V output terminal, enable controller can charge cellphones and other electronic devices. Considerate solar panel, battery and load protection making this product more outstanding.

Features:

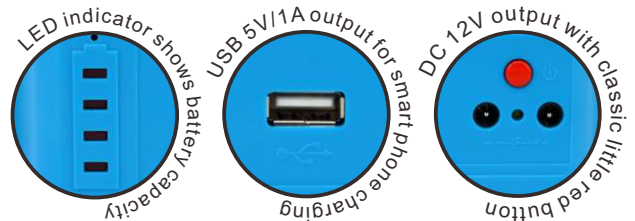
- PWM charging mode with 3 stages (bulk, absorption, float)
- Automatic detection of voltage
- Automatic load reconnection
- Simple button operation
- Preset parameters for charging and discharging (Special parameters can be customized)
- USB output for smart phones and tablets X 1
- DC 12V output X 2

Electronic protections:

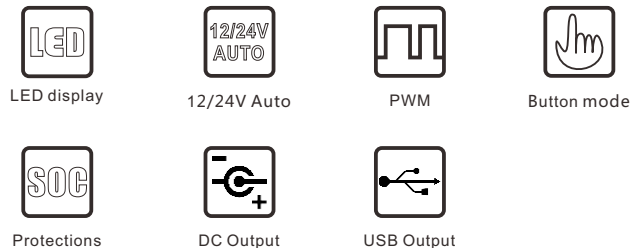
- Over charge protection
- Over discharge protection
- Over load protection
- Automatic electronic fuse
- Short circuit protection of load and PV
- Input over voltage protection
- Reverse current protection at night
- Reverse connection protection of PV, load, and battery
- Overheat protection and short circuit protection of USB output

Display:

- Multi-functional LED indicators
- 4 LEDs show system battery capacity, charging and discharging state



color optional



Easy Installing



Indoor Lighting



Camping



Model: CK10_SHS_A

Packing:
CK10U×1
3W LED Bulb with 3m cable ×2
Size:235mm×150mm×63mm
Gross weight:0.3Kg

Technical Data

Model	CK10U	
System voltage	12V/24V Auto	
Rated current	5A	10A
No load loss	≤12mA(USB disconnect)	
Charging mode	PWM	
Float charging voltage	13.8V/27.6V	
Absorption voltage	14.4V/28.8V(lasting time: 2 hours)	
Charging(Discharging) circuit voltage drop	<0.2V (<0.1V)	
Low voltage protection	10.7V/21.4V	
Low voltage reconnecting	12.6V/25.2V	
Overloading	≥ 1.2*rated current, 60s	
	≥ 1.5*rated current, 10s	
	≥ 1.8*rated current, 10s	
USB output	5V, 1A	
Installing cables size	AWG24 ~ AWG12	
Working temperature	-20°C ~ 50°C	
Dimention(L x W x H)	119mm x 64mm x 26mm	
Weight	123g	

