

Key Features

- ◆ PWM solar charge controller 12/24V 10/20/30A
- ◆ LED Display ,with 2 USB charger
- ◆ LED Indicators for Charging,Load, fault and protection status
- ◆ Bigger terminal , more safety and easy to installation
- ◆ Selectable Battery type,4 stage Charge,adjustable charge parameter
- ◆ Temperature compensation Charge and clock function
- ◆ Load working mode , Normal,Light Control,Light and Double time control
- ◆ Protection for over charge, over discharge, overload, and short circuit,reverse polarity
- ◆ Communication with computer by RJ45 option



HT30U-1024 HT30U-2024



HT30U-3024

Technical Specifications

ITEM	MODEL	HT30U-1024	HT30U-2024	HT30U-3024
Rated charge current		10A	20A	30A
Rated load current		10A	20A	30A
System voltage		12/24V AUTO work		
Protection	Over load	≥120%, 60s;≥150%,10s,≥180%,0.2s		
	Shortcircuit	Yes		
	Over voltage	Yes		
	Low Voltage Disconnection(LVD)	10.7V for 12VDC, 21.4V for 24VDC		
	Low Voltage Reconnection(LVR)	12.6V for 12VDC,25.2V for 24VDC		
	Reverse polarity	protection for solar panel ,battery and DC load.		
	Reverse current	Yes.at night		
Static current		≤ 12.5mA (USB is OFF)		
Voltage drop	Loop Voltage Drop	Charging:<0.22V,Discharging:<0.12V		
	Float charge	13.8 for 12VDC,27.6V for 24VDC		
Charging voltage	Equalizing charging	14.6V for 12VDC,29.2V for 24VDC		
	Open Circuit Voltage of solar panel	12VDC ≤50V; 24VDC ≤100V		
Charging control mode		PWM		
LED Display		LED for Charging,Load, fault and protection status		
USB Charge		2*5V 1.0A	2*5V 1.0A	2*5V 1.0A
Running temperature		-20 ~ +55 °C		
Storage temperature		-30 ~ +80 °C		
Humidity requirements		10% -90%, no condensation		
Installation cable area		≤6mm ²	≤6mm ²	≤16mm ²
Protection class		IP30		
Case material		ABS		
Product size(mm)		188*95*46.5		
Product Weight(kg)		0.34	0.34	0.345
Carton size(mm)		535*425*200		
Carton weight(kg)		15KG / 30PCS		
Notes		Model HT**U: ,U-5V/1A USB,24--12V/24VDC		