

Solar and Electricity Hybrid Controller



The controller provides the load power from solar or utility electricity, solar power supply first, and electricity feed will be the supplement of system when the battery discharged

Features

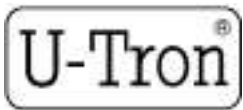
- Microcontroller digital accuracy
- PWM Charge mode
- State of charge (SOC)
- Specially designed for solar/utility hybrid system
- Battery backup supply power first
- Temperature compensation
- Automatic detection of the voltage & full automatic operation
- The terminal connected to ground designed

Electronic protection

- Short circuit protection
- Reverse polarity protection
- Reverse current protection at night
- Over charging or discharging protection
- Over load protection

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Solar and Electricity Hybrid Controller

LED indicator

4 LED indicators

PV: Green –charging

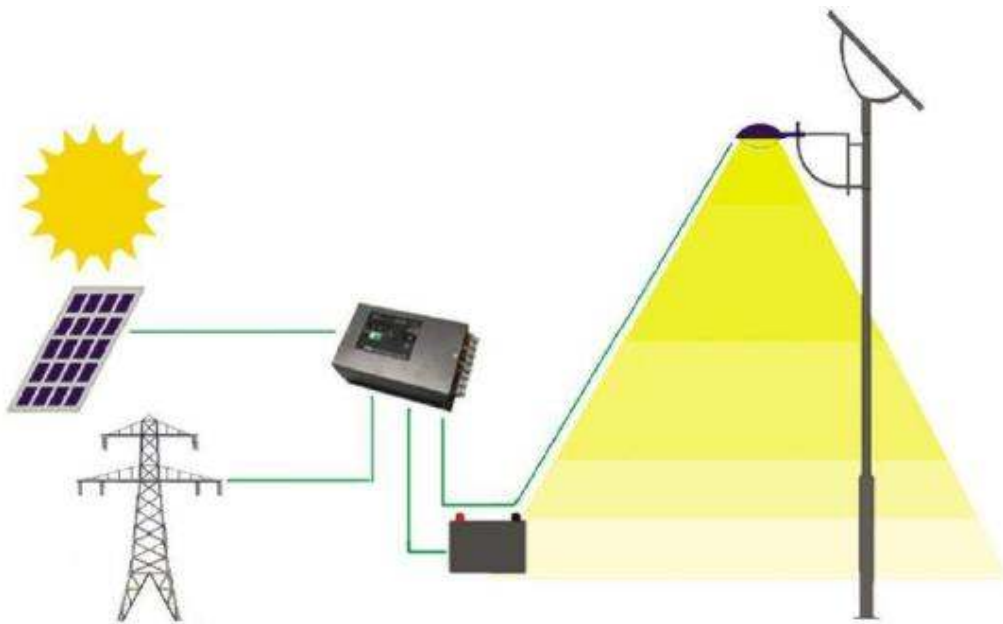
Battery: Green-Yellow-Red

Load: Red –output on

Red flashing& blinking shows mistakes

The forth LED shows timers

Application



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Specifications	Part Numbers			
	6830-180-060W	6830-180-100W	6830-180-200W	6830-180-400W
Rated Voltage	12V/24V	12V/24V	12V/24V	12V/24V
Rated Amphere	10A	10A	10A	10A
Load	60W	100W	200W	400W
Input AC	110V AC 60Hz, 220VAC 50HZ			
Equalization voltage	14.8 Volt			
Boost voltage	14.4 Volt			
Float voltage	13.6 Volt			
Low voltage disconnect (LVD)	11.1 Volt			
Low voltages reconnect (LVR)	12.6Volt			
Temperature compensation	30mv/°C/12V			
Self-consumption	6mA maximum			
Terminals	wire sizes up to 6 sq. mm			
Temperature	-35°C to +55°C			
Dimension (mm)	214.1*112*79.9	258*134*95	For Inquiry	For Inquiry
Packaging	1/box-8box/carton	1/box-6box/carton	For Inquiry	For Inquiry
Carton size	56*28*20cm	60*25*22cm	For Inquiry	For Inquiry
Net Weight	18Kgs	23kg	For Inquiry	For Inquiry
Gross Weight	22Kgs	27Kg	For Inquiry	For Inquiry

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