



EPSOLAR innovation keeps you

One Step Ahead



EPIP20-LT

SOLAR CONTROLLER

FOR SOLAR STREET LIGHT OR POWER SYSTEM WITH DIGITAL AND SYMBOL DISPLAY

It provides similar function as the EPIP series solar controller, but with modifications function. The symbols on LCD offers better and direct performance. More reliable and economical.

- Adds new features and protections using highly advance technology
- Provides longer battery life and improved system performance
- Sets new standards for reliability and self-diagnostics

STANDARD FEATURES:

Versions available: 10, 15, 20 amp

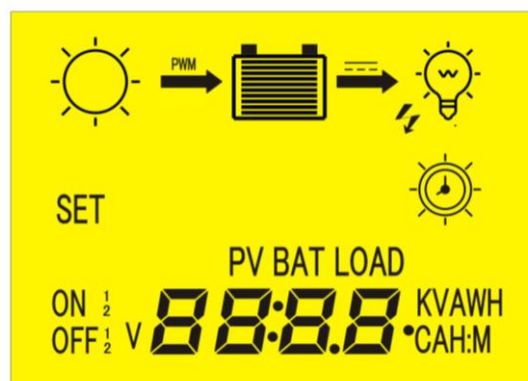
12Volt or 12/24 volt auto-work negative or positive ground

- Microprocessor which is made in USA
- PWM or ON/OFF series battery charging options
- State of charge (SOC) battery regulation
- Battery Ah setting, boost charging, equalising charging, float charging
- With external temperature sensor, and temperature compensation.
- LCD display: SOC as a fuel gauge, all system parameters in digital value, system status as symbols
- Full circuit protection, electronic fuse • Field adjustable parameters by four buttons
- Real clock display
- **Load control option:**
ON/OFF MODE, LIGHTING ON + EXACT TIME OFF, EXACT TIME ON/OFF, EXACT TIME ON/OFF

ELECTRONIC PROTECTIONS:

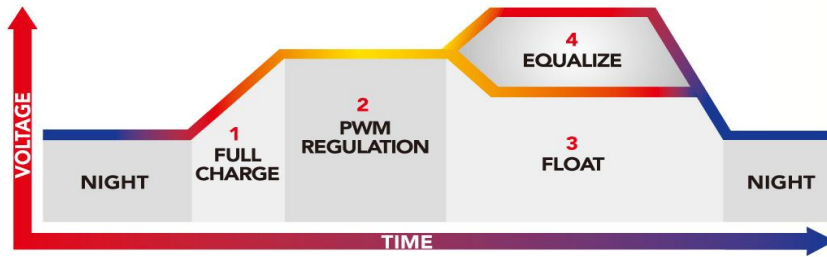
- Short circuit-solar and load
- Overload-solar and load
- Reverse polarity, reverse current at night
- High voltage disconnect
- Loads protected from voltage spikes
- Automatic recovery with all protections

EPIP SOLAR CONTROLLER(LCD DISPLAY)

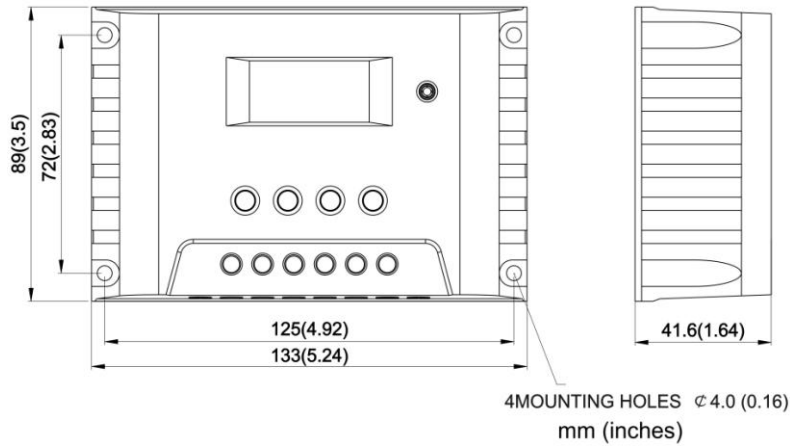


OPTIMIZED BATTERY CHARGEING:

The EPIP controller has 4 stages of charging to provide increased battery capacity and life.



MECHANICAL SPECIFICATIONS:



(Terminal: 6mm²)

TECHNICAL INFORMATION:

	20 Amp	30Amp
Rated solar input	20A	30A
Rated load	20A	30A
System voltage	12/24V	12/24V
Regulation Voltage	14.4V	14.4V,
Float	13.4V	13.4V
Equalization	14.8V	14.8V
Load Disconnect	11.1V	11.1V
Load Reconnect	12.6V	12.6V
Temp.Comp.(mV/°C)	-30mV	-30mV
Self-consumption	≤30mA	≤30mA
Operation temperature:	-35 to +55	
Compliance:	CE world Bank	
Note:values are for 12V. Use 2X for 24V.		

WARRANTY: Three years warranty period. Contact EPSOLAR or your authorized distributor for complete terms



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