



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

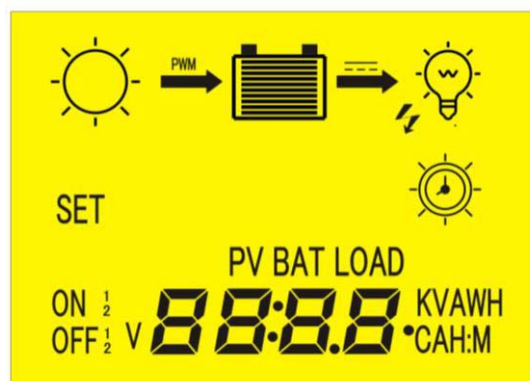
12Volt or 12/24 volt auto-work negative or positive ground

- 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:

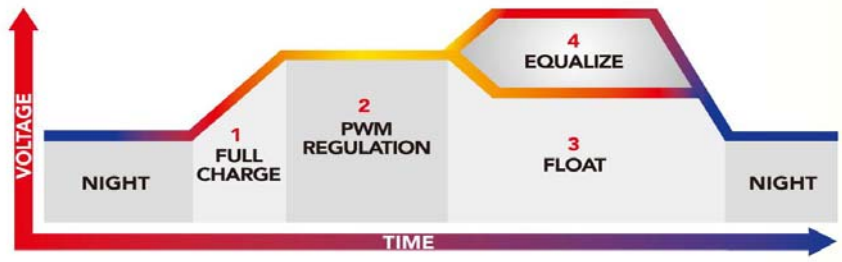
- Short circuit-solar and load
- Overload-solar and load
- Reverse polarity, reverse current at night
- High voltage disconnect
- Loads protected from voltage spikes
- Automatic recovery with all protections

#### EPIP SOLAR CONTROLLER(LCD DISPLAY)

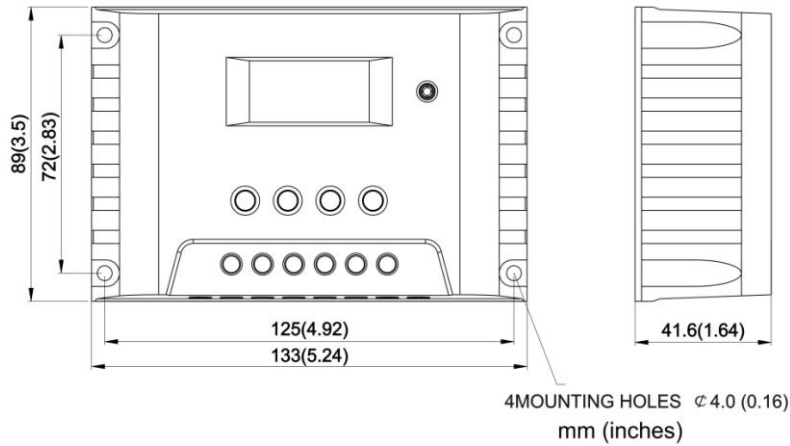


#### OPTIMIZED BATTERY CHARGEING:

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



**MECHANICAL SPECIFICATIONS:**



(Terminal: 6mm<sup>2</sup>)

**TECHNICAL INFORMATION:**

	<b>20 Amp</b>	<b>30Amp</b>
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**



**BEIJINGEPSOLAR TECHNOLOGYCO.,LTD.**

Address:RM.501, BLDG 2, International Technology Park, No. 1 Shangdi

Xinxi Road, Haidian district, BEIJING,CHINA.100085

TEL:86-10-82894896/4856 FAX:86-10-82894882

Email:polly\_sun2003@163.com Website:www.epsolarpv.com

Msn:polly\_sun2003@hotmail.com