



EPIP602

SOLAR CONTROLLER

FOR SOLAR POWER SYSTEM WITH DIGITAL AND SYMBOL DISPLAY

EPSOLAR EPIP is the second generation with high quality and reliability. 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

Features

- Microcontroller digital accuracy
- PWM or ON/OFF series battery charging options
- State of charge (SOC)
- Temperature compensation
- Automatic detection of the voltage
- Temperature compensation .Remote temperature sensor
- Battery Ah setting, boost charging, equalizing charging, float charging
- Automatic load reconnection, manual load switch
- Adjustable parameters by four buttons
- Load control option: ON/OFF, Dusk-to-Dawn, On + setting hours, setting time ON/OFF.

Electronic protection

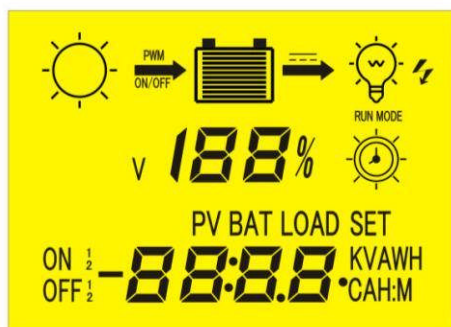
- Short circuit protection
- Reverse polarity protection
- Reverse current protection at night
- Over charging or discharging protection
- Over load protection

Solar Charge Controller

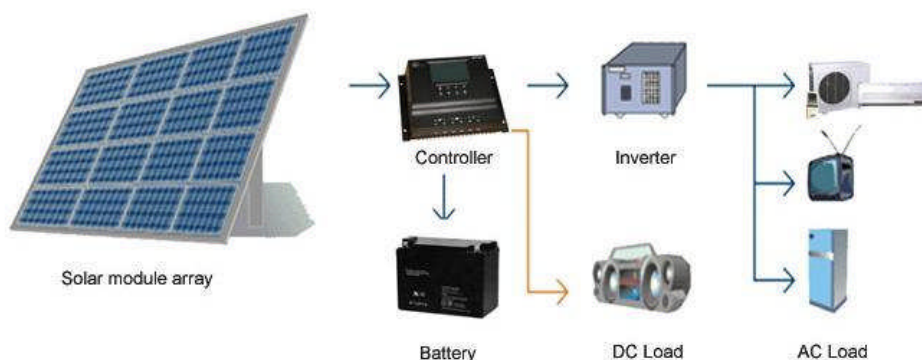
Model :EPIP602

Display

LCD display: SOC as a fuel gauge, all system parameters in digital value, system status as symbols



Application



Technical specification

EPIP602 series: 12/24 VOLT auto work, 40A, 50A, 60 AMPS (for PV and load)
24/48V VOLT auto work, 30A, 40A, 50A, 60 AMPS (for PV and load)

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):	13.1Volt
Temperature compensation:	-30mv/°C/12V
Self-consumption:	6mA maximum
Terminals:	for wire sizes to 16mm ²
Temperature:	-35°C to +55°C

Notes: It is for 12V system. Please X2 for 24V system.