

# Model PC60

## PWM CHARGE CONTROLLER WITH DIGITAL METERING



### Stand Alone Solar Electric Charge/Controller

Connect Energy's UL Listed PC60 is a solid state, microprocessor controlled, 60 Amp pulse width modulated (PWM) controller.

The PC60 utilizes an advanced multi-staged-charging algorithm to provide superior battery charge control.

The PC60 comes standard with digital metering, External Battery Voltage Sensing terminals, and a DC Rated PV Input Breaker required by the National Electric Code (NEC).

It is field selectable for use in 12, 24 or 48 VDC systems, and is rated at 60 Amps continuous.

The PC60 can be configured as either a charge controller OR load controller OR diversion controller.

The PC60 carries a five-year warranty.

- Multi-stage 60Amp PWM Charge Control
- Illuminated LCD Display
- Three Battery Type Choices
- Field Selectable for 12, 24, or 48 VDC
- Field Adjustable Set Point Bulk & Float
- DC Rated 60Amp Input Breaker
- Reverse Polarity Protection
- Conduit Ready & Easy to Install
- Load Disconnect Indicator
- Large 1/0 Wire Terminals
- Electronic Over Current Protection
- UL Listed
- 5-Year Warranty

### Digital Metering

The PC60 comes standard with an integrated digital meter. With the touch of a button the PC60 displays the system's operational status on an illuminated LCD screen.

### Metering Features

- Charging stage (Bulk, Float, Equalization)
- Charge Set-Points (Bulk, Float)
- Input Voltage, Battery Voltage
- Input Amps, Input Amps (Max), Input Watts
- Input Amp-hours today, Total Input Amp-hours accumulated
- Equalization Start/Stop (for flooded batteries only)

### Options – (Factory or Field installations)

- BTC25 - Remote battery temperature compensation probe. 25-foot (8m) cable included.

### Unit Size

5.7 lbs. (2.6 kg.)  
Depth 3.5 in. (8.9 cm.)  
Width 9.25 in. (23.5 cm.)  
Height 9.5 in. (24.1 cm.)

### Shipping Weight

6.6 lbs. (3 kg.)  
Depth 4 in. (10.1 cm.)  
Width 11 in. (25.4 cm.)  
Height 11.75 in. (29.8 cm.)