

PL20, PL40, PL60

Energy System Controllers



- 12V, 24V, 32V, 36V and 48V in one controller
- Built-in 30 days datalogger
- Multifunctional LCD Display
- External current sensing (optional)
- RS232 interface (optional)
- Hybrid system control
- Widely programmable
- Built-in programmable logic

The PL series of charge controllers offer complete control over the charge cycle and various information about current and past performance.

PL regulators have a built-in low battery disconnect switch. In addition, the versatile event controller can switch power on or off according to criteria set by the user. This allows the PL to do extra tasks such as switching a light on at night or keeping a water tank full by operating a pump when needed.

Regulation can be done in both series and shunt modes. Other features include backup generator control and charging a second battery.

Display shows battery voltage, charge current, ampere hours in and out of battery, load being drawn from the battery and charge status.

Information is available for the past 30 days - so even if the user doesn't remember what happened, the regulator will.

With the optional PLI interface, the user can access the regulator from a computer or via modem. Data can be read or setting adjusted.

TYPE	PL20	PL40	PL60
Nominal Voltage	12, 24, 32, 36, 48V	12, 24, 32, 36, 48V	12, 24, 32, 36, 48V
Solar Charge Current max.	20A	40A	60A
Load Current max.	20A	7A	30A
max. Voltage Drop	0.4V	0.4V	0.42V
Supply Current	9mA	13mA	20mA
Temperature Sensor Range	-15 to +50 °C	-15 to +50 °C	-15 to +50 °C
Regulation Set Point	4 present programs, one user adjust	4 present programs, one user adjust	4 present programs, one user adjust
Ambient Temperature	-20 to +50 °C	-20 to +50 °C	-20 to +50 °C
Dimensions	100 x 109 x 41mm	130 x 124 x 50mm	225 x 175 x 62mm
Weight	320gr	515gr	1100gr

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