

PLASMATRONICS

PLASMATRONICS regulators are reliable and effective. Manufactured in Victoria, they have long been used for solar charging regulation.

Plasmatronics PL Series

The PL series of regulators are ideal for RAPS systems. They provide advanced monitoring and settings controls that cater for virtually every requirement. Some of the features include LCD display, low battery disconnect, generator start-up capacity & slow speed or pulse width modulation in series or shunt modes. All the settings on the PL series are fully adjustable and easy to use.



BATT. TYPE	MODEL	VOLTS	AMPS	METER	RRP
Lead Acid / Sealed Gel	PL20	12, 24 & 48	20	Yes	\$335.50
	PL40		40	Yes	\$429
	PL60		60	Yes	\$671

PC & PR series

The PR series of regulators are simple and compact units. The PR is the base model controller. Its compact shape enables it to fit neatly into the junction box of most solar modules.

BATT. TYPE	MODEL	VOLTS	AMPS	METER	RRP
Lead Acid	PR1210	12	10	No	\$76
	PR2410	24	10	No	\$77
Sealed Gel	PR1210L	12	10	No	\$78.70
	PR2410L	24	10	No	\$79.80

UPGRADES FOR THE PL SERIES

UPGRADES FOR THE PL SERIES	RRP
Shunt adapter PLS 2	\$161.70
PLM Remote Display	\$165
Serial Interface PLI	\$93
Temperature Sensor PLT/PLTB	\$29
Shunt SH200 75mV/200A	\$84
Double adapter WZ wire	\$6
WY wire / WZ wire	\$12

PHOCOS

The CML series is a sophisticated solar charge. The electronic circuit is equipped with a micro-controller that provides high-efficiency charging technology together with a number of outstanding status display, warning and safety functions. The temperature-compensated three-stage PWM charging method (boost - equalization - float) is now adjustable to sealed and vented lead-acid batteries. The new version also allows an either SOC or voltage controlled low voltage disconnect function. The battery status is clearly indicated by three LEDs. As the first controller on the market in this price range it comes with an acoustic low voltage load disconnect pre-warning feature.



The CML-NL controller comes with one built-in programmable timer. Adjustable for 1 to 12 hours for light on or dusk to dawn for all night.

BATT. TYPE	MODEL	VOLTS	AMPS	METER	TIMER	RRP
Lead Acid or Sealed Gel	CML10	12 & 24	10	LED	No	\$101
	CML15		15	LED	No	\$137
	CML10NL		10	LED	Yes	\$116
	CML15NL		15	LED	Yes	\$152

MORNINGSTAR

A small, economical controller for 12V solar panels less than 4.5 amps. Epoxy encapsulated for marine environments. Easy to connect. These charge controllers are extremely reliable.



BATT. TYPE	MODEL	VOLTS	AMP S	METER	RRP
Lead Acid	SunGuard	12	4.5	No	\$58

Using solar array voltage to determine day and night, the SunLight provides 10 different lighting control options. By measuring the length of the night, the SunLight's ON/OFF/ON options provide the capability to turn on the light at sunset, turn off the light after 3 to 6 hours, and then turn on the light again for 1 or 2 hours before sunrise. The length of the night is calculated by taking a moving 4 night average, and thus automatically adjusts for seasonal changes in the length of the night.



BATT. TYPE	MODEL	VOLTS	AMPS	METER	RRP
Lead Acid	SunLight	12	10	No	\$191
	SunLight	12	20	No	\$242