

POWER **YOUR** WORLD

zeus[®]

Battery Products



SLA SERIES

3-STAGE AUTOMATIC CHARGERS

Designed for AGM / SLA / VRLA Batteries

OPERATING CHARACTERISTICS

ZEUS PCCG 3-stage automatic chargers are compatible with all AGM / SLA / VRLA batteries. The chargers automatically switch from fast bulk charging to float charging to maintain batteries in top health while connected to the charger.

The PCCG-series of SLA chargers utilizes micro-controller based switching power technology.

The chargers can be left connected to the battery for extended time periods to increase battery life while maintaining the battery during float and standby charging.

These chargers are also optimal for the use in cyclic applications where charging is time sensitive while providing predictable charge level at predictable time.

ESTIMATED CHARGING TIME

Charging time depends on the depth of the discharge (DoD) and the maximum current capability of the charger. To calculate fully discharged battery approximate charge time, divide the battery's Ah (Amp-hours) rating by the charger output current and multiply it by 1.8. Make sure that the maximum charging current rating for any SLA battery is the battery stated Ah rating multiplied by 0.3.



SAFETY AND COMPLIANCE

All PCCG models have been tested to be compliant to at least one safety and EMI/EMC standard. Safety certification and compliance vary by model.

Contact Zeus Battery Products for additional details.



FEATURE SET

- PCCG family of chargers utilize micro-controller based switching power technology optimized for sealed lead-acid batteries (AGM SLA Valve-Regulated)
- Fully Automatic 3-stage charging
- World-wide voltage compatibility
- LED to indicate Power-On, Bulk Charging and Float / Standby charging status
- Wall mounted plug-in or desk top design with alligator clips or fixed polarity XLR connector
- Protected against accidental reverse polarity connection and against accidental short circuit with self-recovery function

ZEUS PCCG-series 3-STAGE AUTOMATIC CHARGERS

	PCCG-SLA6V300	PCCG-SLA6V1200	PCCG-SLA12V300	PCCG-SLA12V1A XLR	PCCG-SLA12V1800	PCCG-SLA12V5000
	6V / 0.3A	6V / 1.2A	12V / 0.3A	12V / 1A	12V / 1.8A	12V / 5A
Input AC Voltage	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
Charge Current	0.3A	1.2A	0.3A	1A	1.8A	5A
Charge Voltage	7.2V	7.2V	14.4V	14.4V	14.4V	14.4V
Bulk Charge Termination	80mA	170mA	90mA	200mA	300mA	1000mA
Float / Standby Voltage	6.8V	6.8	13.8V	13.8V	13.8V	13.8V
Battery Capacity Range	1.2-5Ah	4.0-20Ah	1.2-5.0 Ah	3.0-18 Ah	6.0-33 Ah	17-100 Ah
Length (mm)	71	71	71	71	90	103
Width (mm)	40	40	40	40	48	47
Height (mm)	29	29	29	29	32	39
Weight (g)	80	85	80	120	150	370
Charger Style	plug in	plug in	plug in	plug in	plug in	desktop

CORPORATE HEADQUARTERS

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