



## FC SERIES FLOAT CHARGERS FOR SLA BATTERIES



### Features

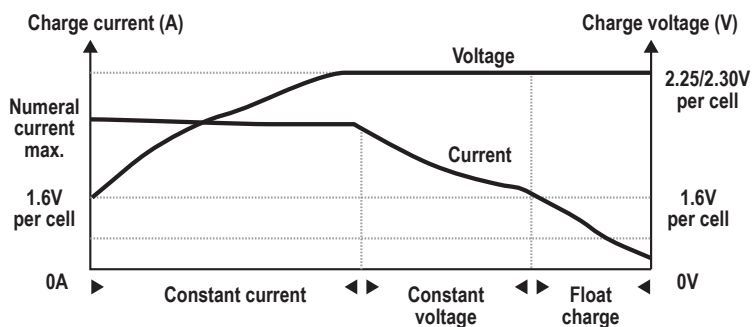
- I.C. based voltage and current regulation designed for sealed (valve-regulated) lead-acid batteries
- Useable on domestic and overseas input voltages from 110VAC – 60 Hz to 240VAC – 50 Hz. See the charger selection guide
- Float voltage charging for efficient, care-free and safe operation
- LED indicates charge mode
- Lightweight wall mounted plug-in design with screw type output terminals
- Connectors to the battery are alligator clips with insulated sleeves
- Protected against accidental reverse polarity connection
- UL and European C.E. approvals

### Operating Characteristics

Float chargers are designed to provide optimum life for batteries used in standby applications where the current is continuous. The chargers deliver a constant voltage of 2.25 to 2.30 volts per cell, which allows the battery to seek its own current level and maintain itself in a fully charged condition.

This series is best suited for burglar and fire alarm equipment, emergency lighting, memory protection or UPS systems where the battery serves as backup power to the AC Source.

### Charge Characteristics



## Specifications and Charger Selection Guide

| Model              | PSC-6300 FC     | PSC- 6500 FC    | PSC-12300 FC     | PSC-12500 FC     |
|--------------------|-----------------|-----------------|------------------|------------------|
| Nominal Voltage    | 6               | 6               | 12               | 12               |
| Output Voltage     | 6.80 ± 0.15 vdc | 6.80 ± 0.15 vdc | 13.65 ± 0.15 vdc | 13.65 ± 0.15 vdc |
| Output Current mA  | 300 ±10%        | 500 ±10%        | 300 ±10          | 500 ±10%         |
| Length in. (mm)    | 2.05 (52)       | 2.05 (52)       | 2.05 (52)        | 2.05 (52)        |
| Width in. (mm)     | 1.57 (40)       | 1.57 (40)       | 1.57 (40)        | 1.57 (40)        |
| Height in. (mm)    | 2.64 (67)       | 2.64 (67)       | 2.64 (67)        | 2.64 (67)        |
| Weight lbs. (kgs.) | 0.21 (0.10)     | 0.21 (0.10)     | 0.21 (0.10)      | 0.21 (0.10)      |
| Use With Battery   | 6V              | 6V              | 12V              | 12V              |
| Battery Capacity   | *               | *               | *                | *                |

\* For help in selecting the correct charger for your application please consult with our Technical Department.

## Notes

Recharge time depends on the depth of the preceding discharge and the output current of the charger. To determine the approximate recharge time of a fully discharged battery, divide the battery's amp. hrs. by the rated output current of the charger and multiply the resulting number of hours by a factor of 1.75 to compensate for the declining output current during the charge cycle. If the amount of amp. hrs. discharged from the battery is known, use it instead of the battery's capacity to make the calculation.

To ensure safe and efficient operation always refer to our Charger Operating Instructions, as published on our website.



Power-Sonic does not offer chargers for batteries with capacities higher than 100 AH. If you have any queries or difficulties in locating a suitable charger for batteries above 100AH, our Technical department will be happy to help.



**CORPORATE OFFICE**  
 7550 Panasonic Way  
 San Diego, CA 92154 USA  
 Tel: +1-619-661-2020  
 Fax: +1-619-661-3650  
[national-sales@power-sonic.com](mailto:national-sales@power-sonic.com)

**CUSTOMER SERVICE**  
 Tel: +1-619-661-2030  
 Fax: +1-619-661-3648  
[customer-service@power-sonic.com](mailto:customer-service@power-sonic.com)

**SALES / INTERNATIONAL**  
 Tel: +1-650-364-5001  
 Fax: +1-650-366-3662  
[battery@power-sonic.com](mailto:battery@power-sonic.com)

[www.power-sonic.com](http://www.power-sonic.com)

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9