

WSC SERIES BATTERY CHARGERS

FEATURES

- Wide input range 100-240VAC / 50-60Hz
- Charger / Power supply function.
- 3 Output banks
- Power factor 0,97
- Half power mode
- Error indication
- Fan speed controlled
- Compact modern design
- 2 year warranty

APPLICATIONS

- Automotive
- Recreational vehicles
- Marine
- Communication sites
- Battery back-up systems
- Autonomous and hybrid (solar) systems



12VDC / 120 Amps

ACCESSORIES:

- Temperature sensor TF-I00
- Remote Controller RC-600 and Digital Remote Control RC-601D

TECHNICAL SPECIFICATIONS

Model	WSC-12120Li
Wide input Voltage range	120-240Vac (108-264Vac)
Wide input frequency range	50-60Hz
Power factor correction	>0.97
Efficiency at 230V AC / 115VAC	>92% / >90%
Input Current 230VAC / 115VAC	8.48A / 17.38A
Charging mode	Normal 3-Stage/Equalization 4-Stage/CC/CV
Output charging voltage standard mode	14V/14.4V/14.8V
Output float voltage standard mode	13.5V/13.8V
Output charging voltage Lithium mode	14.2V/14.4V/14.6V
Output float voltage Lithium mode	Non or 13.8V (i.c.w. 14.6V)
Output power mode voltage	13.2V
Output charging current	0-120A
Adjustable output charging current	120, 110, 100 or 90A
Equalization mode	15.5V (0-60A)
Half power mode (Silent mode)	0-60A
Battery connection	3 banks
Battery types	Lead-acid/GEL/AGM/LiFePO4
Battery capacity	standard: 1200Ah / Lithium: 360-600Ah
Operating temperature	-20°C ~ +50°C
Storage temperature	-40°C ~ +85°C
Air humidity	10 - 90%
Remote control (accessory)	RC-600/RC-601D

Technical Specifications subject to change without notification.

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www.samlex.com or www.samlex-solar.com

TECHNICAL SPECIFICATIONS

Temperature compensation (accessory)	TF-I00
Dimensions LxWxH (mm)	357 x 220 x 75mm
Weight	3.6 Kgs
Safety Standard	EN 60335-1 EN 60335-2-29
EMC Standard: EMI	EN 55014-1 EN 61000-3-2 EN 61000-3-3
EMS	EN 55014-2 IEC 61000-4-2,3,4,5,6,11
Protective devices	Short circuit protection Over voltage protection Over current protection Battery charger over temperature Battery over temperature

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