



## Smart Battery Charger

Model

WSC-1230SB Li  
12VDC / 30 Amps

### Design features

- Battery types Lead-acid/GEL/AGM/LiFePO4
- **Special ACES Lithium battery charge curve**
- Extra Starter Battery charger output
- Wide input range 100-240VAC / 50-60Hz
- Charger / Power supply function.
- 2 Output banks
- Power factor 0,97
- Half power mode
- Error indication
- Fan speed controlled
- Compact modern design
- 2 year warranty

### Application examples

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

### ACCESSORIES

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

## 2 YEAR LIMITED WARRANTY

MODEL NO.	WSC-1230SB Li
<b>AC INPUT</b>	
WIDE AC INPUT VOLTAGE RANGE	100-240VAC, 50/60 Hz
POWER FACTOR CORRECTION	>0.97
EFFICIENCY AT 230VAC / 115VAC	>91% / 89%
INPUT CURRENT 230VAC / 115VAC	2.2A / 4.4A
<b>DC OUTPUT</b>	
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
OUTPUT VOLTAGE POWER SUPPLY MODE	13.2V
OUTPUT CHARGING CURRENT	0-30A
ADJUSTABLE OUTPUT CHARGING CURRENT (LITHIUM MODE)	30, 25, 20 or 15A
EQUALIZATION MODE	15.5V (0-15A)
HALF POWER MODE (SILENT MODE)	0-15A
<b>BATTERY</b>	
BATTERY CONNECTION	2 banks + starter battery
BATTERY TYPES	Lead-acid/GEL/AGM/LiFePO4
BATTERY CAPACITY	Standard: 300Ah / Lithium: 90-150Ah

**NOTE:** Specifications are subject to change without notice

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STARTER BATTERY CHARGING VOLTAGE	13.8V
STARTER BATTERY CHARGING CURRENT	2A
STARTER BATTERY CONNECTION	1
PROTECTIONS	
PROTECTIVE DEVICES	Short circuit protection Over voltage protection Over current protection Battery charger over temperature Battery over temperature
COMPLIANCE	
SAFETY STANDARD	EN62368-1 EN60335-2-29
EMC STANDARD: EMI	EN55014-1 EN61000-3-2 EN61000-3-3
EMS	EN55014-2 IEC61000-4-2,3,4,5,6,11
ENVIRONMENTAL	
OPERATING TEMPERATURE	-20°C to +50°C
STORAGE TEMPERATURE	-40°C to +85°C
AIR HUMIDITY	10 - 90%
REMOTE CONTROL (ACCESSORY)	RC-600 / RC-601D
TEMPERATURE COMPENSATION (ACCESSORY)	TF-I00
DIMENSIONS AND WEIGHT	
DIMENSIONS (L X W X H)	252 x 220 x 75 mm
WEIGHT	1.9 kg

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