

SWITCHMODE BATTERY CHARGERS

Model BCS-WSC-1250

12 Volt 50 Amp Fully Automatic SwitchMode Battery Charger



- Premium Switchmode Battery Charger, Suitable for Automotive, Marine, Mobile Home or Caravan, Mobility Appliances,
- Solar, Deep Cycle, UPS Standby
- Battery types: Lead-acid/GEL/AGM/LiFePO4

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Features

Microprocessor controller inside

Full range AC input

Power factor correction > 0.97

High efficiency

4 Stages charging I-Uo-U-Equalization

Battery charger and power supply selectable

Compact and light weight

Maintains batteries in perfect condition and prolong their useful life

Performance, Physical and Dimensional Properties

Input voltage range: 100-240VAC

Input frequency: 50-60Hz

Power factor correction: >0.97

Efficiency at 230VAC: >91%

Efficiency at 115VAC: >89%

Input current at 230VAC: 3.62A

Input current at 115VAC: 7.32A

Charge mode: Normal 3-Stage/Equalization 4-Stage

Output charging voltage: 14V/14.4V/14.8V,

Output float voltage: 13.5V/13.8V

Output power mode voltage: 13.2V

Output charging current: 0-50A

Equalization mode: 14.8V/15.5V (0-25A)

Half power mode (Silent mode): 0-25A

Battery connection: 3

Battery capacity: 500Ah

Operating temperature: -20°C ~ +50°C

Dimension (L x W x H): 292 x 210 x 75 mm

Weight: 2.5 kgs

Option: Remote control RC-600 or RC-601D

Option: Temperature compensation TF-100

Protection

Short circuit protection, Over voltage protection, over current protection, over temperature protection