

## SWITCHMODE BATTERY CHARGERS

Model BCS-WSC-1230SB

12 Volt 30 Amp (With 2 Amp Output) 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: >88%  
Input current at 230VAC: 2.2A  
Input current at 115VAC: 4.2A  
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 - 30A  
Equalization mode: 14.8V / 15.5V (0 - 8A)  
Half power mode (Silent mode): 0 - 15A  
Battery connection: 2  
Battery capacity: 300Ah  
SB charging voltage: 13.8V  
SB charging current: 2A  
SB connection (Starter battery): 1  
Operating temperature: -20°C ~ +50°C  
Dimension (L x W x H): 265 x 171 x 70 mm  
Weight: 1.6 kgs  
Option: Remote control RC-600  
Option: Temperature compensation TF-100

### **Protection**

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