

SCH BP

Bypass Inverter



Pure Sine Wave Output



Ac bypass function



93% High Conversion Efficiency



Supports High Overload and Surge

Overview

With pure sine wave output, whether it's coffee makers, microwave ovens, TVs, satellite receivers, printers or other heavy - duty devices, the SCH power inverter can perform outstandingly when powering everything from home appliances to office equipment loads. The SCH1000 and SCH2000 models comply with the Federal Communications Commission (FCC) Class A regulations, which can eliminate the possibility of interference with other equipment. And the UL 458 standard means that the SCH series have strict input (60V) and safety certifications. This inverter is easy to install and suitable for use in RVs.

- Pure sine wave output, can power various loads from home appliances to office equipment
- External LED remote control, equipped with a 5 - meter remote control cable
- Independent heat dissipation design, reducing main board temperature
- High overload capacity, can provide peak power to start inductive loads
- 93% high conversion efficiency
- 24 - month warranty

SCH BP Technical Parameters

Model	SCH1000	SCH1500	SCH2000	SCH3000
Output Power	1000W	1500W	2000W	3000W
Surge Power	2000W	3000W	4000W	6000W
Standby Power	9W	9.5W	12W	15W
DC Input Voltage	12, 24 or 48VDC			
DC Input Adjustment	10.5 - 15VDC (×2 for 24VDC; ×4 for 48VDC)			
Output Voltage	100/110/120VAC ±3%; 220/230/240VAC ±5%			
Output Frequency	50/60Hz ±0.05%			
Output Waveform	Pure sine wave (Total harmonic distortion < 3%)			
AC Input Voltage	100/110/120VAC ±3%; 220/230/240VAC ±5%			
AC Input Frequency	50/60Hz ±0.05%			
Power Factor	0.8-1			
Efficiency (110V)	92%	92%	93%	92%
Efficiency (230V)	93%	93%	93%	93%
Control and Signal Indication				
Fault Indication	Red LED lights up and beeps for alarm			
Working Indication	Green LED lights up			
Remote Control	Can be matched with CR10 or CR11 (DBS battery isolator adaptable)			
Battery Types	AGM, Sealed Lead - Acid, Gel, Open - mouth Lead - Acid, Lithium Iron Phosphate			
Protection Functions	Overload, Input Over - voltage/Under - voltage, Over - temperature, Short - circuit			
Safety Standards	AS/NZS 4763:2011, UL458, LVD(EN60950)			
General Parameters				
Operating Temperature	-10 - 45°C			
Operating Humidity	20 - 90% RH			
Storage Temperature	-30 - 70°C			
Cooling Method	Auto - temperature - controlled fan			
Weight (kg)	3.2	3.5	4.6	5.8
Dimensions (mm)	376x254x119	416x254x119	457.5x254x119	572x254x119