



SBR-W812

DC-AC Inverter/charger



- Off Grid Sine Wave Power Inverter with Charger
- Smart charger Controller
- Standard Remote Control Wi-Fi (IOS - Android)
- 2 in 1 Off Grid hybrid design , Inverter + Power Charger.
- Low frequency toroidal transformer, Pure sine wave with AVR
- LCD display, Smart setup and simple operation by LCD
- Max 36A Adjustable Charge Current , selectable battery type
- Comprehensive protection for overload, short-circuit, Battery Low and else
- Smart fan and alarm
- Production in accordance with ISO 9001, CE Standards
- Compact design, easy installation, simple use
- Designed for reliability
- Intelligent functionality,
- Can be used for uninterruptible or autonomous power supply using a high capacity battery.
- It is used as an uninterruptible power supply to power big loads for a long time.
- Designed to operate 24/7.
- It can also be used to operate all kinds of loads, such as electrical appliances, household appliances, consumer electronics and office equipment.
- In case of power failure, the inverter has instant backup power supply
- Best choice for backup power.
- It uses high-pass filters to suppress noise.
- To convert the DC voltage to AC voltage, the device uses high frequency conversion. Approximately 22 kHz. 98% Efficiency

DCAC-Power
Continuous solution

MADE IN
Turkey



Made by Güven-iş

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ARTICLE	MODEL	SBR-812
Rated Power		800W
Efficiency		> 98% in AC mode, > 96% in DC mode, Toroidal transformer
Battery and Charger	Rated voltage	12 / 24 / 48VDC
	Charging current	25A (default), adjustable by LCD Monitor
	Max. Battery capacity	360Ah
	Battery Type	Fully maintenance-free dry type battery
INPUT	Mains input voltage operating range	175-245VAC
	Maximum continuous mains input current	16A (FUSE 16A)
	Safe input mains voltage	1V 340V
	Nonlinear load	50% True-RMS=100%
	Frequency	50Hz ±5hz 10%
	Transfer range of mains to inverter	Low voltage disconnection from the mains (Default 175v - 120v minimum) / high voltage disconnection from the mains (Default 245 - 230 ... 260)
OUTPUT	Rated static output voltage while operating with battery	215V... 224V
	Frequency	50 Hz ±%01
Waveform		Pure sinus wave
Transfer time		Less than 20ms (typical)
Load change range		0 - 100 %
Power factor		0.9 ~ 1.0
Protection		Battery low voltage / battery high voltage / overload, short circuit protection, over temperature protection, etc.
DC / AC Voltage conversion		~ 22 kHz
Display (Display-1: 20x4 LCD Display + Display-2: 4th LED)		Fan status, Last charge volume in hours, Inverter voltage, Mains voltage, Battery voltage, Battery charge current, Device temperature, Battery charge percentage, Charging phase. Wi-Fi connection, Inverter auto start, Inverter start, Mains connection
Operation time		Tem.24
Standard		Control Wi-Fi (IOS - Android)
Operating ambient temperature		- 20° C + 45° C
Storage ambient temperature		- 40° C + 75° C
Operating and storage environment relative humidity		<98% (Without condensation)
Cooling		When the cabin temperature reaches + 55 ° C, the fan switches on automatically, and when the temperature drops to the nominal value, the fan switches off.
Product Dimensions: W * D * H (mm)		250x135x380
Packing Size: W * D * H (mm)		370x210x500
Net / Brüt ağırlık (KG)		11,5 / 12,5kg.

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