

BS30S3

BATTERY/ PV / GRID



# Microgrid System

BS series hybrid energy genset is composed of photovoltaic, battery, etc. It's suitable for variable load, sudden load, long-term low power operation and other conditions, zero-emission, ultra-quiet, reducing the cost, protect the ecological environment. Mainly used in residential, small commercial, island power and other fields.

## Product Features

- Smart energy management system
- AC/DC power conversion system
- PV charging system
- LiFePO4 liquid-cooled battery pack
- RCD leakage protector
- Plug and play interface
- Super-silent structure
- Fire safety system

## Certification Standards



- UN 38.3
- IEC 62619
- IEC 62477

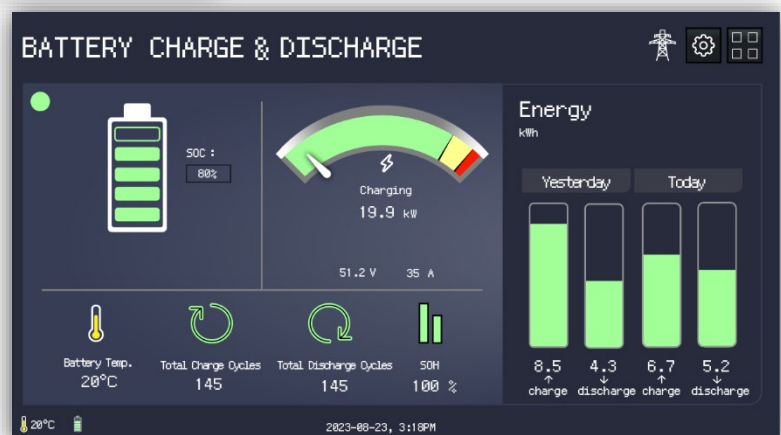
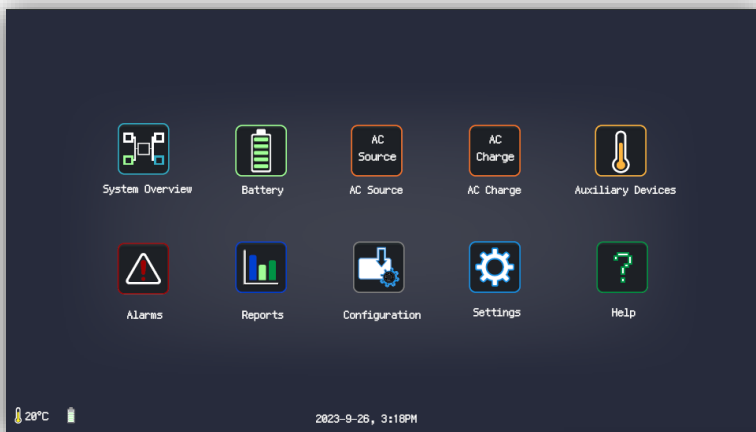


- IEC 62933-2-1
- CE Declaration of Conformity



- VDE-AR-N 4110
- EN-50549-1
- UL 1973

## Intelligent Energy Management



# BS30S3 SPECIFICATION

## BS30S3 HYBRID ENERGY SYSTEM

Rated power (kVA/kW)	30/30		
Frequency (Hz)	50		
Phase(P)	3		
Power factor (PF)	1		
Noise level dBA@7m	50		
Voltage (AC V)	380	400	415
Current (A)	46	43	42

## GRID INPUT

Rated power (kVA/kW)	30/30
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## BATTERY SYSTEM

Battery type	LiFePO4
Battery capacity (kWh)	50
Battery voltage (DC V)	160-800
Max charging rate	1C
Max discharging rate	1C
Recommended discharging rate	1C

## PV SYSTEM

MPPT rated power (kWp)	39
Rated voltage (DC V)	150-850
Solar panel capacity (kWp)	2.5

## LOGISTICS DATA

Dimensions (mm)	2600 x 1300 x 1850
Dry Weight (kg)	1060
40" Loading (Qty)	4

