

FEATURES

- Pure sine wave solar inverter
- Built-in 40A MPPT solar charger
- PV input voltage range 20~150VDC (for 1000w),
30~150VDC (for 1500w)
- Built-in anti-dust kit for harsh environment
- Smart battery charge design to optimize battery life
- meet rich customized demands
- Solar energy is provided directly to the load first



Technical Parameters

MODEL		BSY-1.0KW-12V	BSY-1.5KW24V
AC INPUT	Rated Power	1000VA/1000W	1500VA/1500W
	Voltage	230VAC	
	Selectable Voltage Range	170~280VAC (For Personal Computers)	
		90~280VAC (For Home Appliances)	
AC OUTPUT	Frequency Range	50 Hz/60Hz (Auto sensing)	
	AC Voltage Regulation	230VAC ±5%	
	Surge Power	2000VA	3000VA
	Efficiency (Peak) PV to INV	98%	
BATTERY	Efficiency (Peak) Battery to INV	94%	
	Transfer Time	10 ms	
	Battery Voltage	12VDC	24VDC
	Floating Charge Voltage	13.5VDC	27VDC
SOLAR CHARGER & AC CHARGER	Overcharge Protection	16VDC	32VDC
	Solar Charger Type	MPPT	
	Maximum PV Array Power	600W	1200W
	MPPT Range @ Operating Voltage	20~150VDC	30~150VDC
	Maximum PV Array Open Circuit Voltage Solar	150VDC	
	Maximum Solar Charging Current	40A	
	Maximum AC Charging Current	40A	
	Maximum Solar+AC Charging Current	80A	
PHYSICAL	Dimension, D*W*H (mm)	290X240X90	
	Cartoon Dimension, D*W*H (mm)	340X295X145	
	Net Weight (kgs)	3.5	3.6
ENVIRONMENT	Operating Temperature	-10°C~50°C	
STANDARD	Compliance Safety	CE	

Product specifications are subject to change without further notice.