

HYBRID
INVERTER
TECHNOLOGY

S - SERIES



OFF-GRID



INTELLIGENT
STORAGE



PLUG & PLAY
INSTALLATION



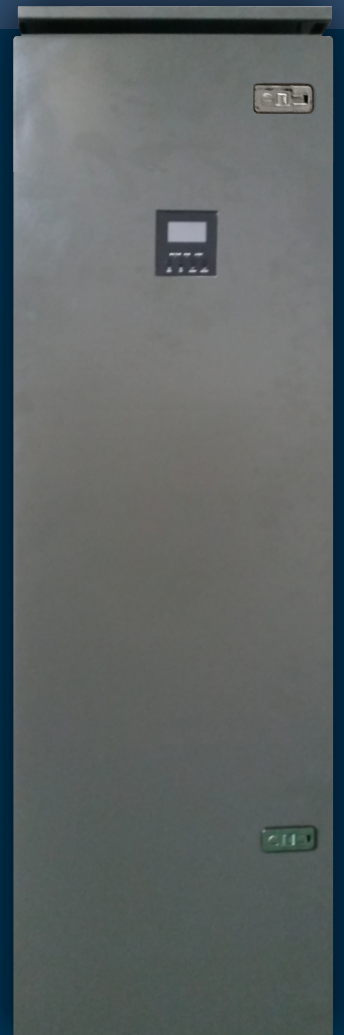
Energy Solutions By Design

EnergyBox

EnergyBox is a multi-function plug and play inverter/charger, combining functions of an inverter, MPPT Solar charger and battery charger to offer uninterruptible power support.

It's comprehensive LCD display offer user-configurable and easy -

accessible button operation such as battery charging currents, AC/Solar charger priority, and acceptable input voltage based on different applications.



High Frequency Solar Inverter Technology

- Multi-function inverter charger, combined inverter and solar charge controller
- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible with commercial power or generator
- Parallel operation with up to 4 units (Only available for S,40+)
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charging design to optimize battery performance
- Cold start function
- + = Including MPPT

INVERTER OUTPUT	MODEL	≤2,4	≤2,4+	≤4,0+
	Default Battery System Voltage	24VDC	24VDC	48VDC
	Rated Power	3000VA	3000VA	5000VA
		2400W	2400W	4000W
	Surge Power	6000VA	6000VA	10000VA
	Waveform	Pure sine wave		
	AC Voltage Regulation (Batt Mode)	230VAC ± 5%		
	Inverter Efficiency (Peak)	93%		
	Transfer Time	10ms (For Personal Computers) / 20ms (For Home Appliances)		
AC INPUT	Voltage	230 VAC		
	Selectable Voltage Range	170-280VAC (For Personal Computers) 90-280VAC (For Home Appliances)		
	Frequency Range	50Hz/60Hz (Auto sensing)		
BATTERY	Nominal Voltage	24VDC		48VDC
	Floating Charge Voltage	27DC		54DC
	Overcharge Protection	30VDC		60VDC
SOLAR CHARGER & AC CHARGER	Maximum PV Array Open Circuit Voltage	60VDC		105VDC
	Standby Power Consumption	2W		2W
	Maximum Solar Charge Current	50A		50A
	Maximum AC Charge Current	20A or 30A		60A
	Maximum Charge Current	50A		110A
MECHANICAL SPECIFICATION	Dimension, W*H*D	272*355*100mm		297.5*468*125mm
	Net Weight (kg)	6.9		9.8
OTHER	Humidity	5% to 95% Relative Humidity (Non-condensing)		
	Operating Temperature	0°C-55°C		
	Storage Temperature	-15°C-60°C		
GUARANTEE	1 Year			

*Product specifications are subject to change without further notice.

