



Inverter Charger HBI-5000IC-D

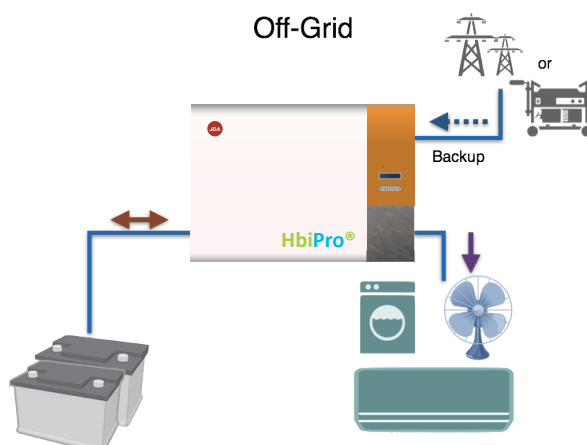
Standalone

Best solution for Storage

FEATURES

- All-in-One
- Higher Power. PF=1
- 96.5% High Efficiency
- 100A Charging Current
- Wall or 19" mount optional
- VRLA & LiFePO₄ Batteries & others
- USB Firmware Update
- High Temp. & Humidity
- Rack Mount (Optional)
- 200% Overload

Operation Modes



- AC grid or genset acts as backup sources
- Inverter supplies loads from batteries
- Surplus AC power is used to charge batteries
- Loads will be switched to AC input automatically while needed

Specifications for Inverter / Charger

Model		HBI-5000IC-D
Input (AC)		
Nominal Voltage	V	120/240
Frequency	Hz	50/60
Max. Voltage	V	300
Max. Current	A	25
Input (Battery)		
Nominal Voltage	V	48
Operation Range	V	40~62
Nom. Current	A	113
Max. Current	A	136
Output (AC, Grid-tie)		
Nominal Power (Total)	W	5000
Nominal Power/phase		2500
Nominal Frequency	Hz	50/60
Nominal Current	A	25
Max. Current	A	30
Output (AC, Backup)		
Nominal Power (Total)	W/VA	5000/5000
Nominal Power/phase	W/VA	2500/2500
Voltage	V	120/240
Waveform		Pure Sinusoidal
Overload Capacity	%	200
Voltage regulation	%	± 3
Output (Battery)		
Max. Charging Current	A	100
General		
Temp. Range	°C	-10~50
Environment		Indoor
Cooling		Forced air-cooling
Humidity	%	0~95, non condensing
Transfer Time	mS	15
Interface & Mechanical		
Display		2 LED, Green and Red, 2 X 16 Text
Comm. Interface		USB, RS485
Wireless		Optional
DC Switch		N/A
Orientation		Wall-mount
Dimension (W x H x D)	mm	580 x 408 x 168
Weight	kg	25
Protection Degree		IP20
Compliance		
Safety		UL 1741
Grid Monitoring		IEEE 1547a:2014, IEEE 1547a1:2015
EMC		FCC Part 15, class A