

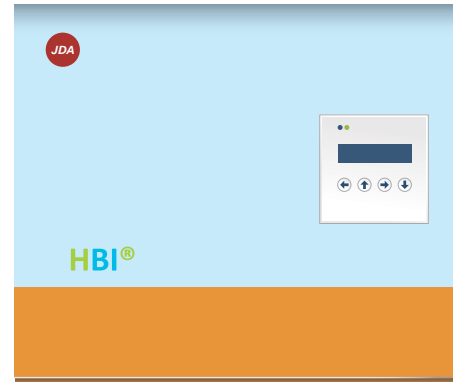
HBI-7500H-J

Introduction

This product is designed for **ESS**[®]
(Energy Storage System) for Japanese market.

Features

1. Split phase output
2. Grid-tie and off-grid modes
3. 200% surge power for load
4. All-in-one (Inverter and charge/discharge controllers)
5. Design for Lithium-ion, LiFePO4 batteries
6. Robust design, suitable for high temperature and humidity environments
7. High efficiency



Specification (Basic)

Item	Unit	HBI-7500H-J
Input (PV)		
Max. Power	W	7500
MPPT Range	V	150~450
Max. DC Voltage	V	500
Max. DC Current	A	30
MPPT Tracker		1
Input (AC)		
Nominal Voltage	V	100/200
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	90
Max. Current	A	110
Output (AC, Grid-tie)		
Nominal Power	W	5000
Nominal Frequency	Hz	50/60
Nominal Current	A	25
Max. Current	A	30
Voltage Range	V	Comply with JEAC 9701-2016
Output (AC, Backup)		
Nominal Power	W/WA	5000/5000
Voltage	V	101/202
Waveform		Pure Sinusoidal
Overload Capacity	%	200
Voltage regulation	%	± 3
Output (Battery)		
Max. Charging Current	A	80
General		
Temp. Range	°C	-10~50
Environment		Indoor
Cooling		Forced air-cooling
Humidity	%	0~95, non condensing
Transfer Time	mS	4
Interface & Mechanical		
Display		2 LED, Green and Red 16 x 2 LCD text display
Comm. Interface		RS485, USB
Wireless		N/A
DC Switch		N/A
Orientation		Rack-mount
Dimension (W x H x D)	mm	490 x 133 x 450
Weight	kg	18
Protection Degree		IP20, indoor
Compliance		
Safety		JIS C 4412-1:2014, JIS C 4412-2:2014
Grid Monitoring		JEAC 9701-2016
EMC		JIS C 4411-2:2007