

Harbor Smart Battery™

Powered by Panasonic Li-ion Battery Technology



Smart Power on Demand

Harbor is a solar-ready smart battery providing 10-15kWh of usable energy with industry-leading simplicity and features. Featuring Pika Energy's patented REbus™ 380VDC nanogrid electronics and powered by Panasonic lithium ion battery technology, the Harbor Smart Battery is the safe, powerful companion to the Pika Energy Island™ system for grid-tied solar with battery-interactive performance.

Feature Overview

- Directly couples to X7600 and X11400 Islanding Inverters™
- 30% more power capacity than other DC-coupled systems
- One technician installs Harbor in less than one hour
- Floor standing, wall-secured design
- Installer-portable design
- Connect up to four Harbor Smart Batteries per inverter

SPECIFICATIONS (PRELIMINARY DATA)

	SB15P	SB10P	Units	Note
Usable Capacity	15.0	10.0	kWh	Expandable to 60kWh with up to four units per inverter
Power (Continuous)	6.7	4.5	kW	Charge and discharge
Power (Surge)	10	6.7	kW	-
Battery Modules	6	4	-	Lithium ion; Panasonic
Weight	440, [200]	330, [150]	lb, [kg]	-
DC Voltage	360 – 420		VDC	380VDC nominal
DC Voltage (Per Module)	46.8 (39-52)		VDC	-
DC Current (Continuous)	24		A	-
Round-Trip Efficiency	>90		%	-
Depth of Discharge (DoD)	100		%	-
Recommended Operating Temperature	13-30 (55-86)		°C, (°F)	-
Dimensions	65 x 22.5 x 8.7, (1650 x 570 x 220)		Inches, (mm)	(H x W x D)
Weight (Battery Module)	55, [25]		lb, [kg]	Removable modules; Assembled weight varies
Communication Protocol	REbus DC Nanogrid™		-	Powerline Carrier
Compliance	Pending: UL 9540, UL 1741, UL 1973		-	-
Warranty	10		Years	-