



The Harbor Plus smart battery contains six Panasonic DCB-105 2.65kWh lithium ion battery packs connected in series.

Featuring Swift-Rack™ installation

The Harbor Plus smart battery is the choice of homeowners who want more usable energy and higher power capacity from their solar-plus-storage system. Featuring Panasonic DCB-105 lithium ion battery modules, Harbor Plus offers an industry-leading combination of usable capacity, continuous power and surge power for starting up and supporting large household loads. The scalable, flexible Harbor Plus is ideal for clean backup power, self-supply and rate arbitrage.

Feature Overview

- Powered by Panasonic Li-ion Battery Technology
- High storage capacity with 15.9kWh usable energy in a compact, easy-to-install enclosure
- Expandable to more than 60kWh on one Pika Islanding Inverter™
- Faster installation time via Rapid-Rack design; 1-2 installers can install Harbor in under an hour
- Low price per installed kWh
- Automatic configuration for backup, self supply, zero-export and peak-avoidance modes

Specification		Units	Note
Total Energy	20.28	kWh	Total energy capacity
Usable Energy	15.90	kWh	Automatically-controlled optimal DoD
Power (Continuous)	6.7	kW	Charge and discharge
Power (Surge)	10.0	kW	-
Battery Modules	6	-	Touch-safe Panasonic DCB-105
DC Voltage (Output)	360 - 420	VDC	380VDC nominal
DC Voltage (Per Module)	46.8	VDC	Nominal DC voltage
DC Current (Internal)	24	A	-
Round-Trip Efficiency	>90	%	PV > battery > load
Operating Temp. Range	0-50, (32-122)	°C, (°F)	Extreme temps may affect performance
Recommended Temp. Range	13-30, (54-86)	°C, (°F)	100% rated performance
Dimensions	68 x 22.5 x 9.5, (1718 x 561 x 241)	in, (mm)	Approx., (H x W x D)
Weight (Enclosure)	115, (52)	lb, (kg)	42lb Cover, 73lb Chassis
Weight (Batteries)	330, (150)	lb, (kg)	55lbs / module
Weight (Total)	445, (202)	lb, (kg)	-
Communication Protocol	REbus DC Nanogrid™	-	Power Line Carrier
Compliance	UL 9540, UL 1741, UL 1973, UL 1642	-	-
Warranty	10	years	-