



Developed in partnership with Panasonic, the Harbor Plus smart battery deploys more power, capacity, efficiency and features than any other smart battery available. Pika's Harbor Plus packs enough power and capacity for whole-home backup and controlling energy optimization programs like time-of-use and self-supply, simultaneously. When compromise is not an option, choose the Harbor Plus smart battery from Pika Energy.

The modular design of the Harbor smart battery makes it fast and easy to install powerful lithium-ion battery storage. Panasonic battery modules drop into the pre-wired, light-weight enclosure for ultimate on-site efficiency.

- Couple with solar for indefinite grid independence
- Powerful pre-programmed time-of-use (TOU) settings
- Plug-and-play with Pika Inverters and smart batteries
- Connect up to four Harbor batteries for extra capacity
- CA Self Generation Incentive Program (SGIP) ready

Specification		Units	Note
Total Energy	20.3	kWh	Total energy capacity
Usable Energy	17.1	kWh	Automatically-controlled optimal DoD
Power: Rated Continuous	6.7	kW	Full cycle: 0% to 100% to 0% SoC @ 30° C
Power: 60 minutes	9.0	kW	Discharge @ 25° C
Power: 5 minutes	10.0	kW	Discharge @ 25° C
REbus Voltage: Input/Output	360 - 420	VDC	380VDC nominal
Round-Trip Efficiency	96.5	%	REbus to REbus (DC to DC)
Operating Temp. Range	41-113, (5-45)	°F, (°C)	Optimally controlled
Recommended Temp. Range	54-86, (13-30)	°F, (°C)	Recommended for battery longevity
Maximum Installation Altitude	9834, (3000)	ft, m	Module warranty void if installed above limit
Dimensions	68 x 22 x 10 (1725 x 560 x 235)	in, (mm)	Approx. H x W x D
Battery Modules	6	-	Touch-safe Panasonic DCB-105
Module Voltage	46.8	VDC	Internal, per-module nominal DC voltage
Weight (Li-ion module)	55, (25)	lb, (kg)	-
Weight (Enclosure)	115, (52)	lb, (kg)	42lb Cover, 73lb Chassis
Weight (Installed)	445, (202)	lb, (kg)	-
Communication Protocol	REbus DC Nanogrid™	-	Power Line Carrier
Compliance	UL9540, UL1973, UL1642	-	-
Warranty: Electronics	10	Years	From Pika Energy
Warranty: Li-ion Modules	10/45.3	Years/MWh	From Panasonic