

Residential Battery

CHAKRA 2.5-H Pro | High Voltage | 5.12kWh~25.6kWh



Safe and Durable

The LFP battery cells offer 6,000 cycles of longevity and an IP65 rating for enhanced safety, ensuring reliable performance in any conditions.



Hassle-Free Setup

Enjoy the convenience of plug-and-play installation—no external wiring required. Automatic ID assignment makes for quick and easy setup.



Flexible and Expandable

With a 2.5 kWh modular design, each cluster supports up to 10 packs, connecting up to 4 clusters for versatile energy solutions.



Smart Home

Control your home energy effortlessly via App or Web, keeping you connected anytime, anywhere.

Model	CHAKRA 2.5-H2 Pro	CHAKRA 2.5-H3 Pro	CHAKRA 2.5-H4 Pro	CHAKRA 2.5-H5 Pro	CHAKRA 2.5-H6 Pro
	CHAKRA 2.5-H7 Pro	CHAKRA 2.5-H8 Pro	CHAKRA 2.5-H9 Pro	CHAKRA 2.5-H10 Pro	

Performance

Cell technology	LFP (LiFePO ₄)				
Battery module	2.56 kWh, 51.2 V, 30 kg (67 lbs)				
Number of modules	2	3	4	5	6
	7	8	9	10	
Battery usable energy [1]	5.12 kWh	7.68 kWh	10.24 kWh	12.8 kWh	15.36 kWh
	17.92 kWh	20.48 kWh	23.04 kWh	25.60 kWh	
Nominal voltage	102.4V	153.6V	204.8 V	256.0 V	307.2 V
	358.4V	409.6 V	460.8 V	512.0 V	
Operating voltage	89.6 - 112.32V	134.4 - 168.48 V	179.2 - 224.64 V	224 - 280.8 V	268.8 - 336.96 V
	313.6 - 393.12V	358.4 - 449.28 V	403.2 - 505.44 V	448 - 561.6 V	
Max.charge and discharge current [2]	50 A				

Communication

Display	SOC status indicator, LCD indicator
Communication	CAN / RS485 / RS232 / Wi-Fi

General Specification

Dimension (WxDxH)	570×370×525 mm	570×370×665 mm	570×370×805 mm	570×370×945 mm	570×370×1085 mm
	22.4×14.6×20.6 inch	22.4×14.6×26.1 inch	22.4×14.6×31.6 inch	22.4×14.6×37.2 inch	22.4×14.6×42.7 inch
	570×370×1225 mm	570×370×1365 mm	570×370×1505 mm	570×370×1645 mm	
	22.4×14.6×48.2 inch	22.4×14.6×53.7 inch	22.4×14.6×59.2 inch	22.4×14.6×64.7 inch	
Weight	86 kg (189.60 lbs)	117 kg (257.94 lbs)	148 kg (326.28 lbs)	179 kg (394.63 lbs)	210 kg (462.97 lbs)
	241 kg (531.3 lbs)	272 kg (599.66 lbs)	303 kg (668.00 lbs)	334 kg (736.34 lbs)	
Installation	Floor stand				
Operating temperature [3]	Charge : 0 to 50°C (32 to 122F) Discharge: -20 to 50°C (-4 to 122F)				
Environmental humidity	≤ 95%RH (No condensation)				
Ingress protection rating	IP 65				
Cycle life [4]	6000 Cycles or ten (10) years @ 80% DOD / 25°C/0.5C, 70% EOL				
Scalability	Max 10 modules per stack, 4 stacks in parallel				
Application	ON Grid / ON Grid + Backup / OFF grid				
Compatible inverters	Refer to compatible inverter list (Compatible with major PCS brands)				

Standard Compliance

Compliance	UN38.3 / IEC62619 / IEC62040-1 / IEC61000-6-2 / IEC1000-6-4 / IEC62477-1 (More available upon request)
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Ordering and Deliverable Part

Part	CHAKRA 2.5-H Pro
	CHAKRA 2.5-H Pro-BCU

[1] Test conditions: 100% depth of discharge (DOD), 0.2C rate charge & discharge at 25°C.

[2] There is 0.5C or 1C configurations optional in factory default.

[3] Charge/discharge derating occurs when the temperature is below 0°C or above 45°C.

[4] Please refer to the Warranty Letter for applicable conditions, the warranty is due whichever comes first.