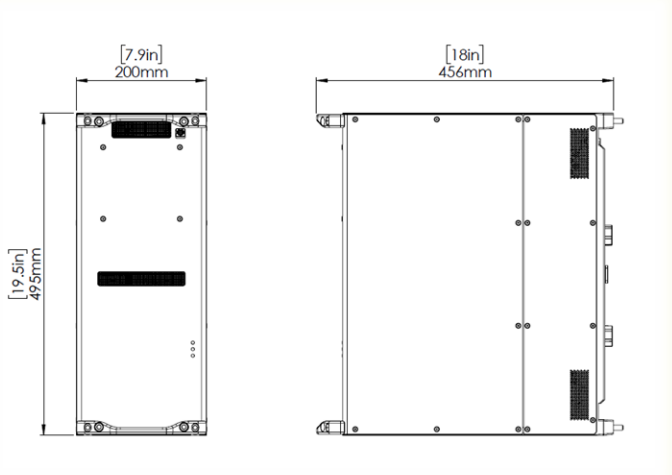
8kWh battery tech specs

H⁴B8000

Category	Specification	Unit	Value	Notes
Category	**Specification**	**Unit**	**Value**	**Note**
Battery	Nominal voltage	V	25.6	
	No load voltage, fully charged	V	26.4	
	Nominal capacity (Cn)	Ah	314	
	Nominal energy	Wh	8000	
	Chemistry		LiFePO4	
	Cell type		Prismatic	
	BMS		Yes	Built in
	Battery fuse		Yes	Built in
	Safety Disconnect switch (x2)		Yes	Built in, one MOSFET, one mechanical
	Current measurement shunt		Yes	Built in
Physical	Dimensions	HxWxD mm	495x200x456	Does not include rack
	Weight	kg	65	
Environmental	Protection		IP55	
	Operating temp (discharge)	℃	-20 to +50	
	Operating temp (charge)	℃	0 to +50	
	Operating humidity	%	95% non-condensing	
	Storage temp (recommended)	℃	-20 to +35	
Logging	Temperature logging	℃		Log temp per degree change for lifetime of battery
Standards & Compliance	Batteries		IEC 62619, IEC 62620	
	Small Craft Lithium-Ion Batteries		ISO 23625	
	Emissions		IEC 60945	
	Transport		UN38.3	
	RoHS		IEC 63000	
	ABYC		E-10, E-11, E13	
	RCM		AS/NZS 3004.2:2014 – Section 2.9.3	



Dimensional Drawing



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