

8kWh battery tech specs

H⁴B8000

Category	Specification	Unit	Value	Notes
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		Yes	Built in
	Current measurement shunt		Yes	Built in
Physical	Dimensions	HxWxD mm	495x200x456	Does not include rack
	Weight	kg	65	
Environmental	Protection		IP20	
	Operating temp (discharge)	°C	-30 to +60	
	Operating temp (charge)	°C	0 to +60	
	Operating humidity	%	TBA	
	Storage temp (recommended)	°C	-20 to +35	
Standards & Compliance	Safety		IEC 62477-1	
	Emissions		EN-IEC 60945	
	Transport		UN38.3	
	Others		ABYC, CE	
Logging	Temperature logging	°C		Log temp per degree change for lifetime of battery



Dimensional Drawing

