

AC/DC Battery Storage

200kW/208kWH

 Datasheet

2025



 Reliable

Product
Reliability

99%

 Cloud Enabled

Monitoring
& Assistance









24/7

 Built To Last





Service
Life

10Y

Key Features

-  208kWh integrated battery, with 22kW AC input
-  Dual tethered connectors allow for simultaneous charging of two vehicles
-  Remote software updates and diagnostics
-  Seamless integration with OCPP 1.6j protocol
-  Supports multiple payment options — app, RFID, credit card, and smartphone payments
-  Supports multiple output options: CCS2, GBT and CHAdeMO
-  3-year warranty with an optional 2-year extension
-  Approved for OZEV grant eligibility

INPUT AND OUTPUT	Input Voltage	3Phase400VAC +/-15%
	Circuit Breakers	Type A
	Frequency	50Hz ± 1Hz
	Output Voltage Range	150 - 1000VDC
	Output Power (AC + Battery)	120kW + 80kW
	Output Power (DC Off-Grid Mode)	120kW
	Output Power (Battery Loss)	80kW
	Output Current	350A CCS2
ENERGY STORAGE	Off-Grid Function	Ability to charge an electric vehicle during a power outage. Ability to provide energy to AC loads during power outages.
	Cells	LiFePO4
	Nominal Voltage	665.4V
	Single-Phase Charging Power	Max 7kW @ 220V 32A
	Three-Phase Charging Power	Max 80kW @ 380V 63A
	DC Charging Range	DC200-750V
	Battery Charge Rate	≤ 0.6C
	Battery Discharge Rate	≤ 1C
PV INPUT	Battery Efficiency	Nominal ≥ 94.5%
	Input Voltage Range	300-825VDC
	Maximum Input Power	30kW
ENVIRONMENT	Operating Temperature	-20°C to 60°C
	Altitude	≤ 2000m
	Operating Humidity	≤ 95% no condensation
COMMUNICATION	Communication	Wi-Fi, 4G
	Interface Protocol	OCPP 1.6J/2.0/2.0.1
USER INTERFACE	Display	32"LCD Touch Screen
	Access Control	RFID, credit card reader
	Emergency Stop	Operation button, disables output power
MECHANICAL	Dimensions	1700mm × 1400mm × 2205mm
	Connector Cable Length	5m
	Cable Management	Included

<div><div></div><div>PROTECTION</div></div>	Input Protection		Under-voltage protection
			Over-voltage protection
			Over-current protection
			Over-temperature protection
			Leakage protection
			Lightning protection
			Short-circuit protection
	Output Protection		Short circuit protection
			Over-temperature protection
			Communication fault protection
<div><div></div><div>REGULATION</div></div>	Charging Protocol		ISO-15118 , DIN 70121, GB/T 27930 , CHAdeMO 0.9, 1.0
	Standard		IEC 61851-1, IEC 61851-23, IEC 61851-21-2
	Certificate		CE
<div><div></div><div>COOLING SYSTEM</div></div>	Battery Pack		Liquid cooled
	Charging Module		Air cooled
	Charging Cable		Air cooled
<div><div></div><div>CHARGING SYSTEM</div></div>	Connectors		2
	Maximum Charging Power		100kW x2 (dual connection) 200kW (single connection)
	Charge Distribution		Dynamic switching
	Charging Voltage Range		200 - 1000V
	Efficiency		≥96.5%