

Integrated Battery Charger

280kW/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 / 2.0 / 2.0.1 protocol
-  Supports multiple payment options — app, RFID, credit card, and smartphone payments
-  Three-phase connection
-  Supports multiple output options: CCS2, GBT and CHAdeMO
-  3-year warranty with an optional 2-year extension
-  Approved for OZEV grant eligibility

 AC INPUT	AC Input	380/400VAC (±15%) 50/60Hz
	FLA II Breaker Rating	100A / 125A
	Efficiency	> 94% at normal output power
 ENERGY STORAGE	Energy Chemistry	Lithium-Ion
	Energy Storage Capacity	208kWH
 DC OUTPUT	Max Output Voltage	150 ~ 1000VDC
	Max Output Current	CCS2: 350A GBT: 250A CHAdeMO: 200A
	Maximum Charging Power	140kW x 2 (dual connectors) 280kW (single connector)
	Connectors	2
	Output Power (AC + Power)	200kW + 80kW
	Output Power (DC Off-Grid Mode)	160kW
	Output Power (Battery Loss)	80kW
	Operating Temperature	-4°F to 122°F (-20°C ~ 50°C)
 ENVIRONMENT	Protective Class	IP54, IK10 (not including screen)
	Communication	Ethernet, Wi-Fi, 4G
 COMMUNICATION	Interface Protocol	OCPP 1.6J/2.0/2.0.1
	Display	32" LCD colour screen and 10" LCD touch screen
 USER INTERFACE	Access Control	RFID : ISO/IEC 14443A/B Credit Card Reader - Optional
	Dimensions	59.06" x 54.49" x 89.45" (1500mm x 1384mm x 2272mm)
 MECHANICAL	Weight	5291.1 lbs (2400 kg)
	Connector Cable Length	CCS2 - 16ft (5 m) GBT - 16ft (5 m) CHAdeMO - 16ft (5 m)
 PROTECTION	Input Protection	RCD Surge protection Over-voltage protection Under-voltage protection Over-current protection
	Output Protection	Short circuit protection Insulation protection Over-temperature protection
	Charging Protocol	ISO-15118, GB/T 27930 , CHAdeMO 0.9, 1.0
	Regulatory Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2 IEC 62619, IEC 62477, IEC 60730, IEC 61000, UN38.3
	Certificate	CE
 REGULATION		