

Integrated Battery Charger 280kW/208kWh

Datasheet

2025



Intertek



✓ 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)	280kW (200kW + 80kW)
	Output Power (DC Off-Grid Mode)	200kW
	Output Power (Battery Loss)	80kW
	Maximum Charging Power	140kW x 2 (double connector), 280kW (single connector)
	Operating Temperature	-4°F to 122°F (-20°C ~ 50°C)
	Protective Class	IP54, IK10 (not including screen)
 COMMUNICATION	Communication	Ethernet, Wi-Fi, 4G
	Interface Protocol	OCPP 1.6J/2.0/2.0.1
 USER INTERFACE	Display	32" LCD colour screen and 10" LCD touch screen
	Access Control	RFID : ISO/IEC 14443A/B Credit Card Reader - Optional
 MECHANICAL	Dimensions	59.06" x 54.49" x 89.45" (1500mm x 1384mm x 2272mm)
	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 Under-voltage Over-current
	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