AC/DC Battery Integrated Charger
240kW/280kW, Floor-Mounted

⌇ Datasheet   2025

ETL
Intertek

✓ **Reliable**

Product
Reliability
99%

✓ **Cloud Enabled**

Monitoring
& Assistance
# 24/7

✓ **Built To Last**

Service
Life
10Y

Key Features

- ✓ 215kWh 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: CCS1, CCS2 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
Power Supply System	3P+N+PE (Wye Configuration), TN/TT
FLA Ⅱ Breaker Rating	100A / 125A
Rated Input Power	60kW
Power Factor	> 0.98 @ full load
Efficiency	> 94% at normal output power

ENERGY STORAGE

Energy Chemistry	Lithium-Ion
Energy Storage Capacity	208kWh

DC OUTPUT

Rated Output Power	240kW/280kW
Max Output Voltage	150 ~ 1000VDC
Max Output Current	CCS2: 350A GBT: 250A CHAdeMO: 200A
Connectors	CCS2, GBT and CHAdeMO

ENVIRONMENT

Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Altitude	≤ 6561ft (2000m)
Operating Humidity	5% to 95%RH, non-condensing
Protective Class	IP54, IK10 (not including screen)
Cooling System	Air Cooling Fans

COMMUNICATION

Communication	Ethernet, Wi-Fi, 4G
Interface Protocol	OCPP 1.6J

USER INTERFACE

Display	32"LCD Touch Screen
Access Control	RFID：ISO/IEC 14443A/B Credit Card Reader - Optional
Emergency Stop	Operation buttons/Disables Output Power

MECHANICAL

Dimension Wall Mount (W X D X H) / Weight	TBD / TBD
Connector Cable Length	CCS2 - 16 ft (5 m) CHAdeMO - 16 ft (5 m) GBT - 16 ft (5 m)
Cable Management	Included

PROTECTION

Input Protection	RCD, Surge Protection Over Voltage, Under Voltage, Over Current
Output Protection	Short circuit protection Insulation protection Over temperature protection

REGULATION

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