

Battery Integrated Mobile Charger 80kW

Datasheet

2025



Intertek



✓ Reliable

Product
Reliability

99%

✓ Cloud Enabled

Monitoring &
Assistance

24/7











✓ Built To Last

Service
Life

10Y

Key Features

- ✓ 80kW fast-charging output with integrated 100kWh lithium-ion battery for fully portable DC charging
- ✓ Wide voltage range (150–1000VDC) supporting CCS2 / CHAdeMO
- ✓ Single-connector high-power design (up to 200A) for rapid charging in remote or grid-limited locations
- ✓ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ✓ Fully compliant with ISO-15118020, enabling future Plug & Charge use cases
- ✓ Dual cooling system – air-cooled charging module + liquid-cooled battery for stable performance
- ✓ 7" LCD touchscreen with RFID access control
- ✓ Robust IP54 & IK10 construction with full protection suite (RCD, surge, over-voltage, over-current, temperatures)
- ✓ 3-year warranty with an optional 2-year extension

 AC INPUT	AC Input	380/400VAC (±15%) 50/60Hz
	Power Supply System	3P + N +PE (Wye configuration), TN/TT
	FLA Breaker Rating	50A / 63A
	Power Factor	≥ 0.98 @ 50% ~ 100% output power
	Efficiency	≥ 94% at nominal output power
	THD	<5% @ 50% ~ 100% full load output power
 DC OUTPUT	Max Output Voltage	150-1000VDC
	Max Output Current	CCS2 : 200A / GBT : 200A / CHAdeMO : 200A
	Connectors Quantity	1
 ENERGY STORAGE	Energy Chemistry	Lithium-Ion
	Energy Storage Capacity	104kWh
 ENVIRONMENT	Operating Temperature	-20°C to 55°C
	Altitude	≤ 6561 ft (2000m)
	Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
	Protective Class	IP54, IK 10 (not including screen)
 COOLING SYSTEM	Cooling System	Air Cooling fans (Charging system), Liquid cooling system (Battery)
	Communication	Ethernet, 4G, Wi-Fi (optional)
 COMMUNICATION	Interface Protocol	OCPP 1.6J / 2.0 / 2.0.1
	Display	7" LCD Touch Screen
 USER INTERFACE	Access Control	RFID : ISO/IEC 14443A/B / Credit Card Reader - Optional
	Emergency Stop	Operations buttons/Disables Output Power (Optional)
	Dimension (W X D X H)	1000mm x 2200mm x 1900mm
 MECHANICAL	Weight	Approx 2000KG
	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 OverVoltage, UnderVoltage (Optional) OverCurrent
	Output Protection	Short circuit protection Insulation protection Over temperature protection
	Charging Protocol	ISO-15118, GB/T 27930, CHAdeMO 0.9, 1.0
 REGULATION	Regulatory Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2, IEC 62619 IEC 62477, IEC 60730, IEC 61000, UN38.3
	Certificate	CE