

MOBILE EV CHARGING ROBOT

iMSmart

104 kWh nominal | 60 kW remote-controlled charging



104 kWh

NOMINAL CAPACITY

60 kW

DC CHARGING

5 km/h

MOVEMENT SPEED

A remote-controlled mobile EV charging unit that brings DC charging to parked vehicles. Designed for movement around parking areas and fleet sites, with a liquid-cooled LFP battery and optional CCS connector.

EQUIPMENT PRICE / USD

\$55,250

Talk to EMS for configuration and delivery scope.

Pricing in USD. Final scope, delivery, taxes and terms confirmed in an EMS quotation.

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USD EQUIPMENT

BATTERY

Nominal capacity	104 kWh
Cell type / cycle life	LFP / >5,000 cycles

DC OUTPUT

Voltage range	200-1,000 V DC
Rated current	200 A
Charging power	60 kW
Charging connector	CCS1 or CCS2 x 1 (optional)
Cable length	7 m

DC INPUT

Rated power	66 kW
Voltage range	200-1,000 V DC
Replenishment	CCS1 / CCS2; dock optional

MOVEMENT

Mode	Remote control
Speed	5 km/h
Maximum climbing grade	20%

SYSTEM

Protocol	OCPP 1.6J
Thermal management	Liquid cooling
Temperature range	-20 to 60 °C
Display	15 inch
Protection	Overall IP54 / battery IP65

PHYSICAL

Dimensions (L x W x H)	2,200 x 950 x 1,400 mm
Weight	1,500 kg

TECHNICAL NOTE

Manufacturer-stated specifications. Confirm connector standard, charging dock, operating conditions and final configuration for each project.