

U:MOVE

Detailed Specification List

Blue Current

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This document presents the specifications of the Blue Current U:MOVE, including both standard configurations and additional specifications.

General

Charger type	IEC 61851-1 AC mode 3
EV plug connection	IEC 62196 Type 2 cable or socket
Rated current	32 A
Rated output current	32 A
Rated voltage	230 V AC (1- or 3-phase)
Nominal power	Up to 22 kW
Rated frequency	50 Hz
Dimensions (H x W x D, excl. cable)	340 x 150 x 100 mm
Weight (excl. cable)	Approx. 4 kg
Charge cable length	5/8/10/15 metres
User interface	Multicolor, multizone LED, buzzer
Intended use	Residential, commercial, and industrial applications

Safety

Current leakage	6 mA DC earth leakage protection
Safety class	Class I
Overvoltage category	Category III
Disconnection prevention socket	Locking mechanism

Authorization

Authorization methods	RFID App

Energy meter

Energy meter class	Class A
Certification	MID certified

Environmental

Operating temperature	-25 °C to +50 °C
Ambient storage temperature	0 °C to +40 °C
Relative humidity range	5% to 95%
Maximum operating altitude	2000 m
IP rating	IP54
IK rating	IK08

Connectivity

Fixed network	Ethernet 100 Mbit
Cellular	4G LTE Cat 4

Supported Protocols

Vehicle communication	IEC 61851-1
Back-end communication	OCPP 1.6-J
Firmware update	Over-the-air via OCPP

Load Balancing

Charging Profiles	Scheduled Solar based Price based
Dynamic	P1* CTs* External kWh-meter*

* To be ordered separately

Installation

Installation location	Indoor and outdoor usage
Mains connection	Permanent mains connection only
Installation type	Stationary equipment. Wall or pole surface mounted