SMART 500

TECHNICAL DATA

Information about the product	
Charging type	2x DC
Charging standard	CCS2 (DC)
DC output power	max. 500kW per charging point
DC output voltage	300 - 1000V
Maximum current	DC 600A (with temperature monitoring) max. 500A in combination with the MASTER 720
Simultaneous charging	500kW DC + 500kW DC
Cable length CCS Combo 2 (Mode 4)	approx. 2 x 3.50m
Number of operated EVs (Electrical Vehicles)	max. 2 EV simultaneously
Communication with the EV	DIN SPEC 70121:2014 ISO15118
Accessories	15.6" display (incl. colour/LED status display, pictograms)
User interface	
User authentication	RFID, NFC (EC/credit), app, AdHoc
Connectivity	Mobile radio / Ethernet (RJ45) via SIM card of the CHARGE-V Only in the main dispenser
Communication protocols	OCPP 1.6, connection of further interfaces e.g. OCPP 2.0
RFID reader	Yes
Configuration	
Software update	Over-The-Air (OTA)
Control and configuration	CPO via OCPP (Dashboard)
Multilingual system	German, English, Italian, Spanish and more than 50 languages available

CHARGE-V GmbH
Joseph-Dollinger-Bogen 28
D-80807 Munich

Managing Director:
Christopher Lehne

HRB 240302
Munich Local Court
VAT ID No.: DE270951582

Münchner Bank eG
IBAN: DE18 7019 0000 0002 5367 65
BIC: GENODEF1M01

Phone: +49 89 45 24 50 000

Fax: +49 89 45 24 50 499

E-Mail: info@charge-v.com

www.charge-v.com

General features	
IP and IK classification	IP54, IK10 System must not be exposed to higher humidity for longer than 2 weeks when de-energised to prevent damage to the electronics.
Enclosure type (material)	Powder-coated steel and aluminium housing
Operating temperature range	min. -20°C to max. +45°C
Efficiency	95 % at full load
Ambient temperature range	min. -20°C to max. +60°C
Air humidity	5 % to 90 %
Mounting	Freestanding housing
Environment	Indoor and outdoor installation
Enclosure interlock	Lock on cover (remaining components cannot be removed)
Mounting accessories	Concrete base
Compound Functionality	External master control unit
Area of application	Semi-public, public
Housing design	- Standard: RAL 3020 red, pillars RAL 9006 - Customised colour selection and foiling possible
Protective devices	- LS overcurrent protection (MCB) - Overvoltage protection - Insulation monitoring
Dimensions (H x W x D)	1.60m x 0.55m x 0.40m

CHARGE-V GmbH
Joseph-Dollinger-Bogen 28
D-80807 Munich

Managing Director:
Christopher Lehne

HRB 240302
Munich Local Court
VAT ID No.: DE270951582

Münchner Bank eG
IBAN: DE18 7019 0000 0002 5367 65
BIC: GENODEF1M01

Phone: +49 89 45 24 50 000

Fax: +49 89 45 24 50 499

E-Mail: info@charge-v.com

www.charge-v.com