EVMS SERIES

STACK EVMS-960kW

The EVMS series is a smart split-type DC charging system featuring a single-stack, multiterminal configuration. Its modular design enables multiple DC outputs and intelligent power distribution. Dynamic power allocation based on each vehicle's BMS requirements maximizes efficiency while meeting diverse charging needs.



MADE IN AUSTRIA

EVMS SPLIT-TYPE CHARGING SYSTEM

www.sks-elektro.at

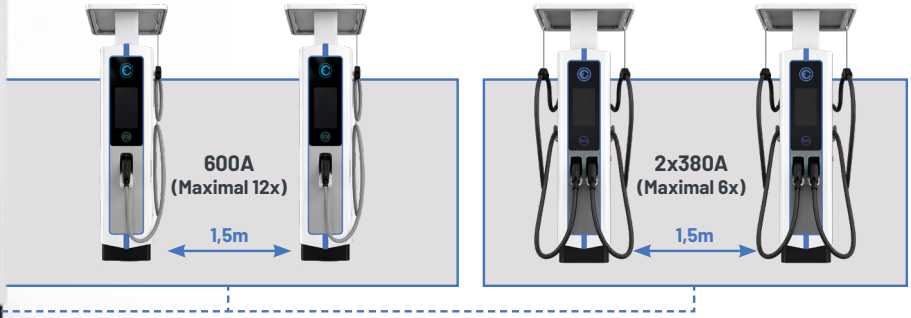
Illustration only

EVMS SERIES

STACK EVMS-960kW



Illustration only



AC INPUT

Mode	EVMS-960
Power Connection Mode	3W+N+PE
Voltage Range (Vac)	380 ± 20%
Frequency (Hz)	50
Nominal Input Current (A)	1531
Max. Input Current (A)	1913
Power (kW)	960
Power Factor	> 0.997
Peak Efficiency	≥ 96.5%

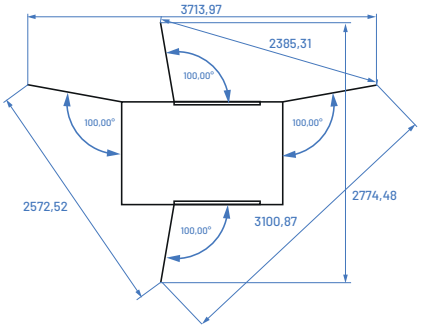
DC OUTPUT

Quantity of Charging Modules	16
Max. Output Channels	12
Voltage Range (Vdc)	50 ~ 1000
Constant Power Voltage Range (Vdc)	300 ~ 1000
Max. Charging Current	250A/ 300A/ 400A/ 500A /600A /800A(Depends on connector type)

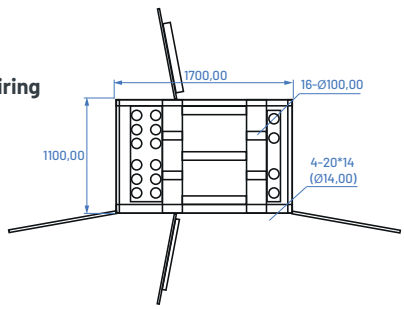
GENERAL PARAMETERS

Network Connection	4G / Ethernet / WI-FI
Communication Protocol	Cloud Fast Charging Protocol
Applicable Environment	Indoor / Outdoor
Operating Temperature (C°)	-35 ~ 60 (Rated output at -20C° ~ 50C°)
Storage Temperature (C°)	-40 ~ +70
Operating Relative Humidity	≤ 95%, non-condensing
Altitude (m)	Normal operation within 2000m; Derate per standards above 2000m
Ingress Protection Rating	IP55
Compliance & Safety Standards	GBT 18487.1, GBT 18487.2, GBT 20234.1, GBT 20234.3, GBT 27930, NBT33001, NBT33008, GBT 34657.1, GBT 34658
Noise Level (dB)	< 55
Dimensions (W×D×H)(mm)	1700×1100×1920

Full Expansion Diagram (Top View)



Bottom Fixing & Wiring Holes Diagram



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