EVMS SERIES

LIQUID COOLING TERMINAL (600A)

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

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LIQUID COOLING TERMINAL (600A)



Illustration only

- High power: system charging power up to 600A.
- System efficiency ≥96.5%, reducing charging losses and maximizing user revenue
- High reliability, easy maintenance, flexible expansion, energy-saving and environmentally friendly.
- Smart power distribution based on EV BMS demand; charging terminals follow [first-start-first-allocate] flexible distribution and average distribution principles.
- External LCD touchscreen display for user-friendly operation.
- Supports multiple payment methods: IC card, QR code, mobile reservation, etc.
- Communication capability with station monitoring system via multiple interfaces (CAN, RS485/RS232, Ethernet, 4G) for remote monitoring.
- Liquid-cooled with independent cooling duct.
- Metal enclosure, flame-retardant, high-brightness outdoor LCD screen, IP55 rated for harsh outdoor environments.
- Comprehensive protection: overvoltage, undervoltage, overcurrent, overtemperature, phase loss, output short circuit, leakage protection, emergency stop, insulation detection, etc. Charging stops immediately upon BMS comms failure, connection loss, or battery temperature/voltage exceeding limits.
- DC contactor on output side remains open when not charging to prevent current backflow.



CCS2 (EU)

Mode	EVP0C-Hxxx-E
Current	Max. 600A
Dimensions (W×D×H)	800×1099×2087 (including the top cap)
Weight (kg)	Weight dependent on configuration
Supported Connector Types	supports CCS, GB/T, ChaDeMo, etc.
Maximum Number of Connectors	1
Display Screen	15.6″
Supported Card Payment Methods	RFID Card / NAYAX
Liquid Cooling Solvent	Silicone Oil

Note: Actual dimensions and weight may vary slightly (by a few millimeters); please refer to the actual product for exact measurements.

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