

# EVMS SERIES

## LIQUID COOLING TERMINAL (600A)

SKS

The EVMS series is a smart split-type DC charging system featuring a single-stack, multi-terminal 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.



### EVMS SPLIT-TYPE CHARGING SYSTEM

[www.sks-elektro.at](http://www.sks-elektro.at)



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## LIQUID COOLING TERMINAL (600A)

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- High power: system charging power up to 600A.
- System efficiency  $\geq 96.5\%$ , 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                           | EVPOC-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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