30~40kW Integrated DC Charging Station Series

Superior Protection

- Featuring an IP54 protection rating, this charging station is designed to withstand harsh environments.
- With dozens of electrical protection measures in place, it ensures the safety of the charging process.
- The forced air cooling design enhances thermal management and effectively isolates pollutants fromthe electronic components.

Smart Human-Machine Interface

- Control the charging process and adjust charging strategies with a single tap through a dedicated mobile app.
- The charging station supports real-time software upgrades, ensuring it stays up to date with the latest features and improvements.

Efficient Energy Saving

- High system efficiency of up to 95%.
- Deliver excellent power quality, characterized by lowoutputripple.
- Designed with exceptionally low operational losses and standby power consumption.

Easy Maintenance

- Convenient maintenance due to the modular design. Operational and maintenance monitoring detects software upgrades and allows for online diagnostics.



Specifications

Model No.	SK-N-30-01	SK-N-40-01
Human-Machine Interface	7 inch LCD color touch screen LED indicator light	
Startup Method	APP/swipe card	
Installation Method	Floor standing	
Cable Length	5m	
Number of Charging Guns	Single gun(CCS2 | GB/T | CCS1)	
Input Voltage	AC380V±20%	
Input Frequency	45Hz~65Hz	
Rated Power	30kW(constant power)|40kW(constant power)	
Output Voltage	150~1000VDC | 200V~1000V DC	
Output Current	Single Gun Max 100A/130A	
Highest Efficiency	⩾95%(Peak)	
Communication Mode	Ethernet,4G	
Safety Standards	IEC61851/1EC62196/DIN70121/IS015118 GB\T20234,GB\T18487,NB\T33008,NB\T33002	
Protection Design	Charging gun temperature detection, over-voltage protection, under-voltage protection, short-circuit protection, overload protection, grounding protection, over-temperature protection, low temperature protection, lightning protection, emergency stop, lightning protection	
Operating Temperature	-25~+50°C	
Operating Humidity	5%~95% no condensation	
Operating Altitude	< 2000m	
Protection Level	IP 54	
Cooling Method	Forced air cooling	
Noise control	⩽ 65dB	
Auxiliary power	12V	
30kW Device Dimensions	500*250*800mm(W*D*H);Pedestal:400*400*1400(W*D*H)	
40kW Device Dimensions	500*250*1400mm(W*D*H);Pedestal:400*400*1400(W*D*H)	

Applications

Home vehicles · BUS · Logistics vehicle · Online cars · Urban · Public transport Group · Car rental company