Hisense | 科林电气 KE ELECTRIC

30-180kW

ALL-IN-ONE DC CHARGER



Full 30kW to 180kW Power Output Range.

Stable performance across extreme climate conditions, 1-second power cut-off for full safety protection, 15-minute rapid maintenance for 99%+ site availability. The preferred solution for charging infrastructure in public car parks, retail centres, logistics hubs and other commercial scenarios.

SUPERIOR EXPERIENCE

- 200-1000V wide voltage range, segmented power design, 30% faster charging;
- Supports contactless card & QR code charging, no APP needed. Operates from -30°C to 70°C;
- Optimized high-frequency module, ⩽55dBA in silent mode, no disturbance to residents.

MAXIMUM RELIABILITY

- Parallel high-frequency modules, potting technology, IP55 rating, stable in harsh weather;
- 13 built-in safety protections, 1-second power shut-off in case of anomalies, full protection for vehicles and charging equipment;
- Compliant with EU CE/EN standards, certified for global market deployment.

PREMIUM DESIGN

- Over 95% overall system efficiency, reduces energy costs and delivers higher operational savings;
- 7-inch true-color touchscreen, ARM processor, multi-language support, real-time charging & cost display;
- Highly integrated design, 0.53 ㎡ footprint, easy to install in space-constrained charging sites.

HASSLE-FREE O&M

- Supports OCPP 1.6, compatible with 99% of EV models, dual-gun dynamic power distribution;
- 4G/Wi-Fi/Ethernet connectivity, remote management platform with real-time fault alerts, reduces O&M costs;
- Modular design with high/low voltage isolation, single module failure does not affect other units, faulty module replacement in 15 minutes.

Product Parameters

PRODUCT MODEL	Product Series	All-in-one DC charger			
	Model	KE-6720 Series			
DC OUTPUT PARAMETERS	Output Power Range	30kW	60kW	120kW	180kW
	Power Adjustment Granularity	30kW			
	Output Voltage Range	200～1000VDC			
	Output Current	Max. 250A per gun Max. 500A for the charger			
	Efficiency	0.95			
	Number of Charging Guns	1	2 or 1	2 or 1	2 or 1
	Charging Gun Interface	GB/T, CCS2			
AC INPUT PARAMETERS	Input Voltage	Three-phase AC 380-415V			
	Frequency	50Hz/60Hz			
	Grid Type	AC power frequency grid			
	Wiring Method	3/N/PE			
	Power Factor	⩾0.99 Above 50% load			
	Current Harmonic	<5%			
	AC Side Overvoltage Category	OVC III			
GENERAL SPECIFICATIONS	Dimensions (W×D×H)	800mm × 667mm ×1700mm			
	Connectivity	4G, Wi-Fi, Ethernet			
	Screen Type	7" LCD Touch Screen			
	Cable Length	3.5m; 5m (optional)			
	Standby Power	<85W (subject to configuration)			
	Enclosure Protection Rating	IP55			
	Vehicle Communication Protocol	IEC 61851-24, ISO 15118-3, IEC 62196-3/GB 39752-2024, GB/T 27930-2023, GB/T 20234.3-2023			
	Software Update	SD card offline upgrade			
	Emergency Stop Button	Yes			
USER INTERFACE	Status Indication	Standard			
	Supported Languages	Chinese, English (Other languages supported via software upgrade)			
	RFID Protocol	ISO14443 / ISO15693			
	Payment Terminal Support	Nayax/PAX payment module (Optional)			
	Payment Methods	RFID card, QR code, Credit card (Optional)			
	Communication Protocol	OCPP1.6 JSON/GB Proprietary Platform Protocol			
	Cable Management System	Standard equipped with cable storage and charging gun holder fixing			
ENVIRONMENTAL SPECIFICATIONS & CERTIFICATIONS	Humidity	<95% RH, Non-condensing			
	Operating Altitude	2000m			
	Operating Temperature Range	-30°C to 50°C, Derated above 50°C (up to 70°C)			
	Storage Temperature Range	-40°C to 70°C			
	Noise Level	⩽55dBA (Silent mode)			
	EMC Class	Class A			
	Compliance and Safety Standards	IEC 61851-1, IEC 61851-23, IEC 61851-24, IEC 62196-3/GB 39752-2024, GB/T 27930-2023, GB/T 20234.3-2023			
	Certifications	IECEE CB, CE (RED/EMC/LVD)/CCC (GB 39752-2024)			

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