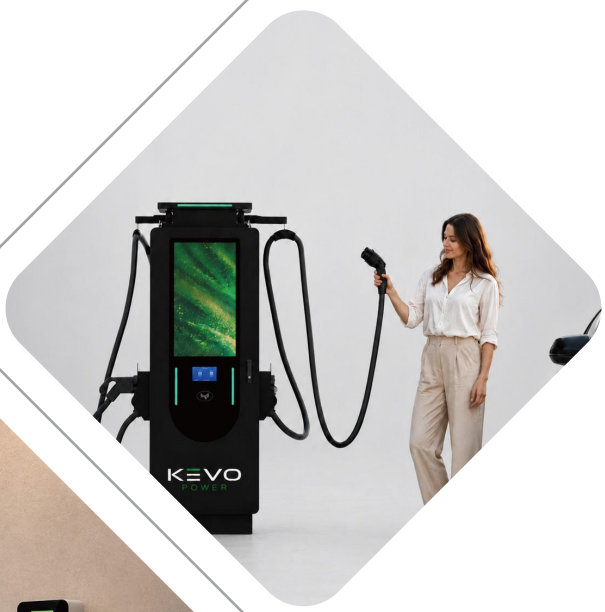
BUSINESS BROCHURE

EV CHARGER

KEVO POWER



www.kevopower.com

DC SERIES VII

Standard Fast EV Charger

DC 60KW
80KW 120KW

KP-D120D-VII

7/10-inch Color Touch Screen

User-friendly interface with crisp visuals for an effortless charging experience.

4G / Ethernet / WIFI

Flexible multi-mode network communication for stable,real-time remote management.

Modular Design for Maintenance

Simplified maintenance and independent power module replacement, minimizing station downtime.

Communication Protocal: OCPP 1.6J / 2.0.1

Seamless smart connectivity and backend integration powered by universal OCPP 1.6J protocol.

Power Assisted Arm (optional)

Ergonomic gravity compensation minimizes lifting effort for easy plugging. Flexibly rotates to extend reach and automatically retracts to prevent cable wear.

IP55 Waterproof & Noise: ≤65db

Built for the elements and quiet spaces alike. It delivers robust IP55 defense against rain and dust and runs quietly at under 65dB for commercial and residential comfort.

Working Temperature: -30℃ to 70℃

All-weather durability, performing flawlessly in extreme climates from -30°C to 70°C.

PRODUCT
PARAMETERS

Model	KP-D60D-VII	KP-D80D-VII	KP-D120D-VII
Rated Input Voltage	AC380 V three-phase five-wire		
Input Voltage Range	380 VAC ±20 %		
Maximum Input Current	116 A	152 A	228 A
Operating Frequency	50/60 Hz		
Output Voltage Range	50–1000 V DC		
Maximum Output Current per Gun/Connector	200 A	250 A	250 A
Rated Output Power	60 kW	80 kW	120 kW
Power Allocation/Switching	Equal power sharing		
Total Harmonic Distortion of Input Current (THDI)	THDI ≤5 % (input 380 V, output 1000 V, 50 %–100 % load)		
Input Inrush Current	Inrush current ≤110 % of rated input current		
Power Factor (PF)	Power factor 0.99 (50 %–100 % output power, nominal input voltage & frequency) Power factor 0.95 (20 %–50 % output power, nominal input voltage & frequency)		
Voltage Regulation Accuracy	Voltage regulation ±0.5 % (-30 °C to +55 °C)		
Current Regulation Accuracy	Current regulation ±1 % (-30 °C to +55 °C, 20 %–100 % load current)		
Output Voltage Ripple	Output voltage ripple peak coefficient ±1 % (input voltage 85 %, 100 %, 115 %)		
Overall Efficiency	Efficiency ≥96 % (100 % full-load output power)		
Standby Power Consumption	Standby power ≤15 W		
Cooling Method	Cooling method: forced air		
Communication Protocol	OCPP 1.6J / 2.0.1		
Charging Gun	5m charging gun (length customized available)		
Communication Interface	4G / Ethernet / WIFI (optional)		
IP Grade	IP55		
Working Temperature	-30℃ ~ 70℃		
Cable Specification Reference	Cu: 3×35mm²+2×25mm² Al: 3×70mm²+2×50mm²	Cu: 3×50mm²+2×35mm² Al: 3×95mm²+2×70mm²	Cu: 3×95mm²+2×70mm² Al: 3×120mm²+2×95mm²
LCD Display	7 Inch Touch Screen / 10 Inch Touch Screen (Optional)		
Relevant Standards	Standards: EN/IEC 62196-3, IEC 61851:2023, ISO 15118		

Credit Card Payments (Optional)

DC SERIES VII

Standard Fast EV Charger

DC 160KW 180KW 240KW

KP-D240D-VII

7/10-inch Color Touch Screen

User-friendly interface with crisp visuals for an effortless charging experience.

4G / Ethernet / WIFI

Flexible multi-mode network communication for stable,real-time remote management.

Modular Design for Maintenance

Simplified maintenance and independent power module replacement, minimizing station downtime.

Communication Protocal: OCPP 1.6J / 2.0.1

Seamless smart connectivity and backend integration powered by universal OCPP 1.6J protocol.

Power Assisted Arm (optional)

Ergonomic gravity compensation minimizes lifting effort for easy plugging. Flexibly rotates to extend reach and automatically retracts to prevent cable wear.

IP55 Waterproof & Noise: ≤65db

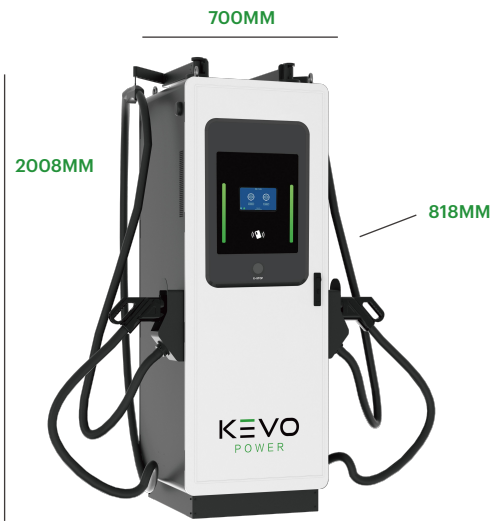
Built for the elements and quiet spaces alike. It delivers robust IP55 defense against rain and dust and runs quietly at under 65dB for commercial and residential comfort.

Working Temperature: -30℃ to 70℃

All-weather durability, performing flawlessly in extreme climates from -30°C to 70°C.

PRODUCT
PARAMETERS

Model	KP-D160D-VII	KP-D180D-VII	KP-D240D-VII
Rated Input Voltage	AC380 V three-phase five-wire		
Input Voltage Range	380 VAC ±20 %		
Maximum Input Current	304 A	384 A	456 A
Operating Frequency	50/60 Hz		
Output Voltage Range	50–1000 V DC		
Maximum Output Current per Gun/Connector	250 A / 300 A (Optional)		300 A
Rated Output Power	160 kW	180 kW	240 kW
Power Allocation/Switching	Equal power sharing		
Total Harmonic Distortion of Input Current (THDI)	THDI ≤5 % (input 380 V, output 1000 V, 50 %–100 % load)		
Input Inrush Current	Inrush current ≤110 % of rated input current		
Power Factor (PF)	Power factor 0.99 (50 %–100 % output power, nominal input voltage & frequency) Power factor 0.95 (20 %–50 % output power, nominal input voltage & frequency)		
Voltage Regulation Accuracy	Voltage regulation ±0.5 % (-30 °C to +55 °C)		
Current Regulation Accuracy	Current regulation ±1 % (-30 °C to +55 °C, 20 %–100 % load current)		
Output Voltage Ripple	Output voltage ripple peak coefficient ±1 % (input voltage 85 %, 100 %, 115 %)		
Overall Efficiency	Efficiency ≥96 % (100 % full-load output power)		
Standby Power Consumption	Standby power ≤15 W		
Cooling Method	Cooling method: forced air		
Communication Protocol	OCPP 1.6J / 2.0.1		
Charging Gun	5m charging gun (length customized available)		
Communication Interface	4G / Ethernet / WIFI (optional)		
IP Grade	IP55		
Working Temperature	-30℃ ~ 70℃		
Cable Specification Reference	Cu: 3×120mm²+2×95mm² Al: 13×150mm²+2×120mm²	Cu: 3×150mm²+2×120mm² Al: 3×185mm²+2×150mm²	Cu: 3×240mm²+2×150mm² Al: 3×300mm²+2×240mm²
LCD Display	7 Inch Touch Screen / 10 Inch Touch Screen (Optional)		
Relevant Standards	Standards: EN/IEC 62196-3, IEC 61851:2023, ISO 15118		



Credit Card Payments (Optional)

KEVO POWER

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