

BUSINESS BROCHURE
EV CHARGER



KEVO POWER - EV Charger Solutions Provider

Online: kevopower.com

Email: info@kevopower.com

WhatsApp: +86 15986673554

Address: Tianlilai Industrial Park, Dalingshan, Dongguan City,
Guangdong Province, China



www.kevopower.com

BRAND PROFILE

ABOUT US

With over 10 years of industry experience, we are a premier manufacturer specializing in **advanced EV charging solutions**. Powered by two dedicated R&D teams and integrated manufacturing, we deliver high-performance AC and DC charging infrastructure globally.

OUR CORE CAPABILITIES

AC Charging R&D Team

Experts in electronics and software engineering. We design and supply high-quality main control board PCBAs for AC chargers, serving both our own production lines and global OEM clients.

DC Fast Charging R&D Team

Focused on resolving global market pain points. Our DC chargers are engineered to eliminate after-sales maintenance difficulties and system crashing issues. We fully support SKD (Semi-Knocked Down) cooperation for overseas partners.

Integrated Supply Chain

We operate our own sheet metal fabrication and assembly factories. By eliminating intermediate supply chain links, we drastically reduce lead times and maximize cost-competitiveness.

Why Partner With Us?

- > **10+ years** of technical expertise
- Reliable PCBA & Anti-crash DC solutions
- Flexible **SKD** models
- Factory-direct pricing

PRODUCTION LINE



FULLY MODULAR DESIGN

5-MINUTE MAINTENANCE

Front-access. Fast service. Maximum uptime.

Front Door



Main Frame



AC/DC/PLC/CCU Modules



Cabinet



Back Door



FULLY MODULAR ARCHITECTURE

Fully modular design with independent power modules and control units, enabling fast troubleshooting and flexible future scalability.



5-MINUTE MAINTENANCE

Features snap-in modular design for hot-swappable replacement. Even general electricians can replace modules in under 5 minutes, significantly minimizing downtime.



FRONT-ACCESS SERVICE

All key components are accessible from the front. No heavy lifting or rear access required, streamlining the entire maintenance process.



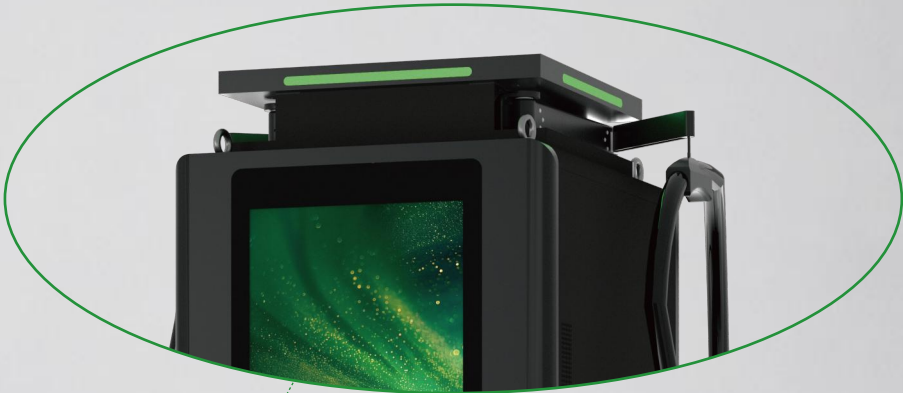
RELIABLE & COST-EFFICIENT

Designed for high reliability—even if one module fails, the rest of the system remains operational, reducing OpEx and maximizing station revenue.

POWER ASSISTED ARM

Lighten the load. Elevate the experience.

The intelligent auxiliary arm takes the weight of the charging cable, making every charging action smoother, easier, and more effortless.



High-strength Arm Structure
Robust and durable for long-term use

Spring Damping System
Automatically balances and supports cable weight for effortless lifting and control

Smooth Cable Glide
Reduces friction and wear, extending cable life

FLEXIBLE & COMPATIBLE

Suitable for various installation environments and charging scenarios.



All Weather Ready



Wide Compatibility with Gun Types



Easy to Install & Maintain



Ideal for Commercial Applications



IMPROVE OPERATION EFFICIENCY

Faster and smoother charging process for higher user satisfaction.



EXTEND CABLE LIFESPAN

Reduce mechanical stress and prolong overall cable life.



ENHANCE SAFETY

Keep cables off the ground, reducing tripping and damage risks.



LOWER MAINTENANCE COSTS

Less wear, less replacement, more savings.

AC SERIES I

Standard Fast EV Charger

AC Portable

3.5/7/11KW

- KP-A3S-I
- KP-A7S-I
- KP-A11S-I



Key Benefits



Overvoltage Protection



Undervoltage Protection



Lightning Protection



IP65



Overtemperature Protection



Fully Certified



Grounded/ Ungrounded



HCI



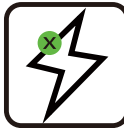
Overcurrent Protection



OTA



Bluetooth/ WIFI



Leakage Protection

PRODUCT

PARAMETERS

GB/T	
Input Voltage	220Vac ± 20% / 380Vac ± 20%
Product Size	213*80*50 mm
Input Current	16A/32A
Rating	3.5kW/7kW/11kW
Leakage Type	A
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Time reservation, grounding option, current regulation, Bluetooth/WIFI (optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

Type 2	
Input Voltage	230Vac±20%/400Vac±20%
Product Size	213*80*50 mm
Input Current	16A/32A
Rating	3.5kW/7kW/11kW
Leakage Type	AC or A+DC6mA(optional)
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Time reservation, grounding option, current regulation, Bluetooth/WIFI (optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

Type 1 / NACS	
Input Voltage	240Vac±20%
Product Size	213*80*50mm
Input Current	16A/32A/40A
Rating	3.8kW/7.6kW/9.6kW
Leakage Type	A or CCID20(optional)
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Time reservation, grounding option, current regulation, Bluetooth/WIFI (optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.



3.5KW



7KW



11KW

AC SERIES II

Standard Fast EV Charger

AC Portable

3.5/7/11/22KW

- KP-A35-II
- KP-A75-II
- KP-A115-II
- KP-A225-II



Key Benefits

Overvoltage Protection

Undervoltage Protection

Lightning Protection

IP65

Overtemperature Protection

Fully Certified

Grounded/ Ungrounded

HCI

Overcurrent Protection

OTA

Bluetooth/ WIFI

Leakage Protection



PRODUCT

PARAMETERS

GB/T

Input Voltage	220Vac ± 20% / 380Vac ± 20%
Product Size	206*80*56 mm
Input Current	16A/32A
Rating	3.5kW/7kW/11kW/22kW
Leakage Type	A
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Indicator light, time reservation, grounding option, current regulation, Bluetooth/WIFI (optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

Type 2

Input Voltage	230Vac±20%/400Vac±20%
Product Size	206*80*56 mm
Input Current	16A/32A
Rating	3.5kW/7kW/11kW/22kW
Leakage Type	AC or A+DC6mA(optional)
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Indicator light, time reservation, grounding option, current regulation, Bluetooth/WIFI (optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

Type 1/ NACS

Input Voltage	240Vac±20%
Product Size	206*80*56 mm
Input Current	16A/32A/40A
Rating	3.8kW/7.6kW/9.6kW
Leakage Type	A or CCID20(optional)
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Indicator light, time reservation, grounding option, current regulation, Bluetooth/WIFI (optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.



AC SERIES III

Standard Fast EV Charger

AC 7KW

11KW 22KW

- KP-A7S-III
- KP-A11S-III
- KP-A22S-III



Key Benefits

- Overvoltage Protection
- Undervoltage Protection
- Overcurrent Protection
- OTA
- Grounded/Ungrounded
- HCI
- Overtemperature Protection
- Lightning Protection
- IP65
- Bluetooth/WIFI
- Leakage Protection
- Fully Certified

PRODUCT

PARAMETERS

GB/T

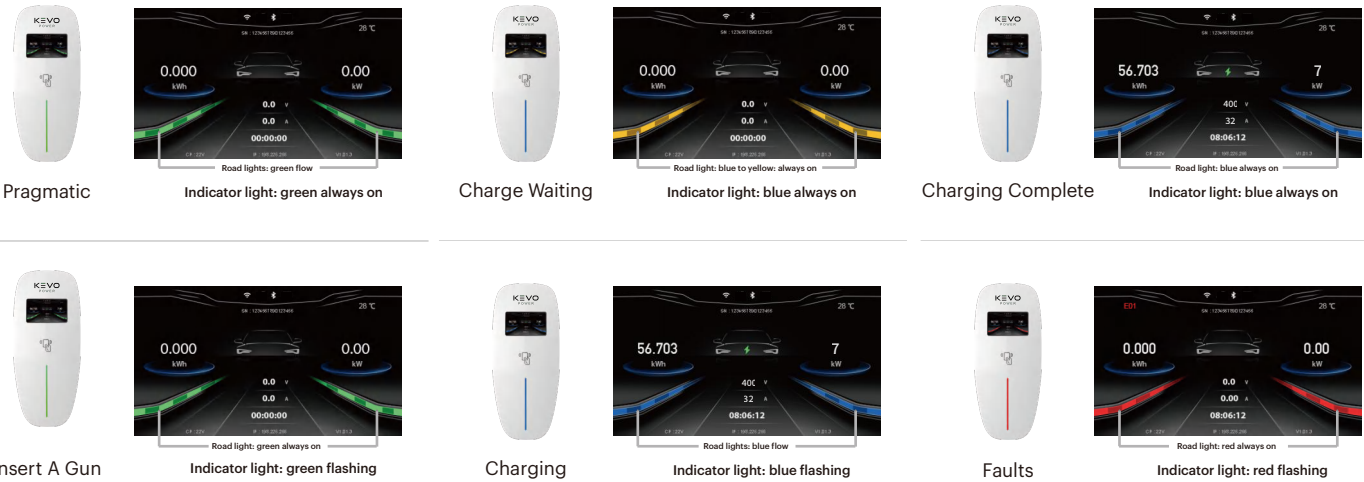
Input Voltage	220Vac±20%/380Vac±20%
Product Size	400*163*95 mm
Input Current	16A/32A
Rating	7kW/11kW/22kW
Leakage Type	A
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Display, Indicator, Swipe Card, Bluetooth/WIFI(optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

Type 2

Input Voltage	220Vac±20%/380Vac±20%
Product Size	400*163*95 mm
Input Current	16A/32A
Rating	7kW/11kW/22kW
Leakage Type	A
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Display, Indicator, Swipe Card, Bluetooth/WIFI(optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

Type 1 / NACS

Input Voltage	240Vac±20%
Product Size	400*163*95 mm
Input Current	32A/48A
Rating	7.6kW/11.5kW
Leakage Type	A or CCID20(optional)
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Display, Indicator, Swipe Card, Bluetooth/WIFI(optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.



AC SERIES IV

Standard Fast EV Charger

AC 7KW

11KW 22KW

- KP-A7T-IV
- KP-A11T-IV
- KP-A22T-IV



Tethered Cable Version

Key Benefits

- 

Overvoltage Protection
- 

Undervoltage Protection
- 

Overcurrent Protection
- 

OTA
- 

Grounded/
Ungrounded
- 

HCI
- 

Overtemperature Protection
- 

Lightning Protection
- 

IP55
- 

Bluetooth/
WIFI
- 

Leakage Protection
- 

Fully Certified

PRODUCT

PARAMETERS

GB/T

Input Voltage	220Vac±20%/380Vac±20%
Product Size	295*195*95.5 mm
Input Current	16A/32A
Rating	7kW/11kW/22kW
Leakage Type	A
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Display, Indicator, Swipe Card, Bluetooth/WIFI(optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

Type 2

Input Voltage	230Vac±20%/400Vac±20%
Product Size	295*195*95.5 mm
Input Current	16A/32A
Rating	7kW/11kW/22kW
Leakage Type	AC or A+DC6mA(optional)
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Display, Indicator, Swipe Card, Bluetooth/WIFI(optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

Type 1 / NACS

Input Voltage	240Vac±20%
Product Size	295*195*95.5 mm
Input Current	32A/48A
Rating	7.6kW/11.5kW
Leakage Type	A or CCID20(optional)
Operating Tumidity	5%-95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Display, Indicator, Swipe Card, Bluetooth/WIFI(optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.

AC SERIES IV

Standard Fast EV Charger

AC 7KW

11KW 22KW

- KP-A7S-IV
- KP-A11S-IV
- KP-A22S-IV



Key Benefits

- Overvoltage Protection
- Undervoltage Protection
- Overcurrent Protection
- OTA
- Grounded/
Ungrounded
- Lightning Protection
- IP54
- Bluetooth/
WIFI



Socket Version

PRODUCT

PARAMETERS

Type 2

Input Voltage	230Vac±20%/400Vac±20%
Product Size	295*195*95.5 mm
Input Current	16A/32A
Rating	7kW/11kW/22kW
Leakage Type	AC or A+DC6mA(optional)
Operating Tumidity	5%~95% condensationless
Operating Temperature	-25 °C~+50 °C
Functional Support	Display, Indicator, Swipe Card, Bluetooth/WIFI(optional)
Protective Function	Over-voltage protection, over-current protection, leakage protection, over-temperature protection, lightning protection, etc.



HCI



Overtemperature Protection



Leakage Protection



Fully Certified



Pragmatic



Indicator light: green always on
Modeling light: green always on



Charge Waiting



Indicator light: blue always on
Modeling light: blue always on



Charging Complete



Indicator light: blue always on
Modeling light: blue always on



Insert A Gun



Indicator light: green flashing
Modeling light: green always on



Charging



Indicator light: blue flashing
Modeling light: blue breathing



Faults



Indicator light: red flashing
Modeling light: red always on

DC SERIES I

Standard Fast EV Charger

DC CCS2 20KW
30KW 40KW

KP-D20S-I

KP-D30S-I

KP-D40S-I



Key Benefits

OTA

OTA

CE

CE

HCI

HCI

IP54

IP54

Overcurrent Protection

Overcurrent Protection

Bluetooth /WIFI

Bluetooth /WIFI

Overload Protection

Overload Protection

Lightning Protection

Lightning Protection

Design Standard

- IEC 62196-3, Plugs, socket-outlets, vehicle connectors and vehicle inlets- Conductivecharging of electric vehicles -Part 3: Dimensional compatibility and interchangeability requirements for d.c.and a.c./d.c. pin and contact-tube vehicle couplers

PRODUCT
PARAMETERS

Model	KP-D20S-I	KP-D30S-I	KP-D40S-I
Output Power	20KW	30KW	40KW
Operating Voltage	400Vac±15%		
Operating Current (max)	67A (max)	100A (max)	133A (max)
CP Voltage Protection	≥±1V		
Storage Temperature	-40 ℃ - +80 ℃		
Operating Temperature	-25 ℃ - +50 ℃		
Installation Method	Wall Mounted		
Shell Protection Grade	IP54		
Body Size	600*400*180 mm	600*400*215 mm	600*400*215 mm
Communication Method	WiFi 2.4GHz / Bluetooth		
Over-undervoltage Protection	≤285V or ≥475V		
Operating Frequency	45Hz-65Hz		
Output Voltage Adjustable Range	+200Vdc - +1000Vdc		
Altitude	<2000 m		
Lightning Protection	Yes (Supported)		
Cooling Method	Forced Air Cooling		
HCI	Indicator 4.3" display		
Package Size	730*480*352 mm		
Output Line	5 m		



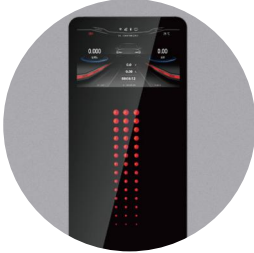
Idlegreen always on



Charge blue flash



Fault red flash



DC SERIES II

Standard Fast EV Charger

DC 20KW

30KW 40KW

Single Guns

KP-D40S-II



7-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.



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP Grade: IP54 Waterproof

Robust IP54 waterproof protection, engineered to withstand heavy rain and dust.



Noise: ≤75db

Ultra-quiet operation at ≤75dB, perfect for quiet residential and commercial zones.



Working Temperature: -30℃ to 70℃

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

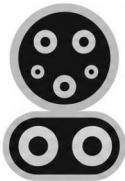
PRODUCT

PARAMETERS

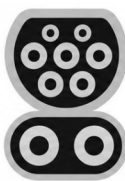
Model	KP-D20S-II	KP-D30S-II	KP-D40S-II
Input voltage	AC380V Three-phase five-wire		
Input voltage range	380Vac±20%		
Maximum input current	32A	58A	76A
Operating frequency	50/60Hz		
Output voltage range	50-1000VDC		
Maximum output	63A	100A	133A
Output power	20KW	30KW	40KW
Power switching			
THDi	≤5% (Input 380V, Output 1000V, 50%-100% Load)		
Input surge current	≤110% of rated input current		
Power factor	≥0.99 (50%-100% output power, nominal input voltage and frequency)		
	≥0.95 (20%-50% output power, nominal input voltage and frequency)		
Voltage regulation	≤±0.5% (-30℃~+55℃)		
Current stabilization	≤±1% (-30℃~+55℃, 20%-100%Load current)		
Output ripple	Ripple peak coefficient ≤ ±1% (input voltage at 85%, 100%, 115%)		
Overall machine efficiency	≥96% (100% full load output power)		
Standby power consumption	≤15W		
Heat dissipation	air-cooled		
Noise	≤75db(1 meter away)		
Cable specifications	Cu : 3*10+2*6mm²	Cu : 3*16+2*10mm²	Cu : 3*25+2*16mm²
	Al : 3*25+2*16mm²	Al : 3*25+2*16mm²	Al : 3*35+2*25mm²
Relevant standards	Meets technical requirements:GB/T 18487.1-2015; GB/T 27930-2015; GB/T 20234-2015		
Charging gun	5m charging gun (length customized available)		
Package size	970*970*420mm		
Gross weight	91.5kg (40KW)		



Credit Card Payments
(Optional)



CCS1



CCS2



CHAdeMO



GB/T



Tesla (NACS)

DC SERIES III

Standard Fast EV Charger

DC 40KW

60KW 80KW

Dual Guns

KP-D40D-III



7-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.



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP Grade: IP54Waterproof

Robust IP54 waterproof protection, engineered to withstand heavy rain and dust.



Noise: ≤75db

Ultra-quiet operation at ≤75dB, perfect for quiet residential and commercial zones.



Working Temperature: -30℃ to 70℃

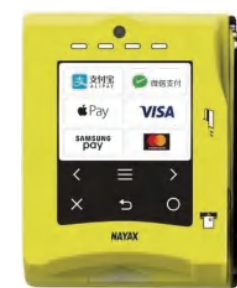
All-weather durability, performing flawlessly in extreme climates from -30°C to 70°C.



PRODUCT

PARAMETERS

Model	KP-D40D-III		KP-D60D-III	KP-D80D-III
Input voltage	AC380V Three-phase five-wire			
Input voltage range	380Vac±20%			
Maximum input current	76A	116A	152A	
Operating frequency	50/60Hz			
Output voltage	range 50-1000VDC			
Maximum output	133A	200A	250A	
Output power	40KW	60KW	80KW	
Power switching				
THDi	≤5% (Input 380V, Output 1000V, 50%-100% Load)			
Input surge current	≤110% of rated input current			
Power factor	≥0.99 (50%-100% output power, nominal input voltage and frequency)			
	≥0.95 (20%-50% output power, nominal input voltage and frequency)			
Voltage regulation	≤±0.5% (-30℃~+55℃)			
Current stabilization	≤±1% (-30℃~+55℃, 20%-100%Load current)			
Output ripple	Ripple peak coefficient ≤ ±1% (input voltage at 85%, 100%, 115%)			
Overall machine efficiency	≥96% (100% full load output power)			
Standby power consumption	≤15W			
Heat dissipation	air-cooled			
Noise	≤75db(1 meter away)			
Cable specifications	Cu : 3*25+2*16mm²	Cu : 3*35+2*25mm²	Cu : 3*50+2*35mm²	
	Al : 3*35+2*25mm²	Al : 3*70+2*50mm²	Al : 3*95+2*70mm²	
Relevant standards	Meets technical requirements:GB/T 18487.1-2015; GB/T 27930-2015; GB/T 20234-2015			
Charging gun	5m charging gun (length customized available)			
Package size	1220*1220*480mm	1220*1520*480mm	1220*1520*480mm	
Gross weight	≈136kg	≈158kg	≈182kg	



Credit Card Payments (Optional)



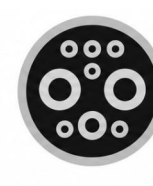
CCS1



CCS2



CHAdeMO



GB/T



Tesla (NACS)

DC SERIES IV

Standard Fast EV Charger

DC 30KW 40KW

60KW 80KW

Single Guns

KP-D40S-IV



55-inch Advertising Screen

Double your revenue with a 55-inch ad screen that turns charging time into high-impact marketing prime time.



4G / Ethernet / WIFI

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



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP Grade: IP54 Waterproof

Robust IP54 waterproof protection, engineered to withstand heavy rain and dust.



Modular Design for Maintenance

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



Noise: ≤75db

Ultra-quiet operation at ≤75dB, perfect for quiet residential and commercial zones.



Working Temperature: -30℃ to 80℃

All-weather durability, performing flawlessly in extreme climates from -30℃ to 80℃.



PRODUCT

PARAMETERS

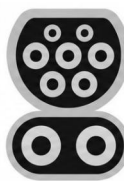
Model	KP-D30S-IV	KP-D40S-IV	KP-D60S-IV	KP-D80S-IV
Input voltage	AC380V Three-phase five-wire			
Input voltage range	380Vac±20%			
Maximum input current	58A	76A	116A	152A
Operating frequency	50/60Hz			
Output voltage	50-1000VDC			
Maximum output	100A	133A	200A	250A
Output power	30KW	40KW	60KW	80KW
Power switching				
THDi	≤5% (Input 380V, Output 1000V, 50%-100% Load)			
Input surge current	≤110% of rated input current			
Power factor	≥0.99 (50%-100% output power, nominal input voltage and frequency)			
	≥0.95 (20%-50% output power, nominal input voltage and frequency)			
Voltage regulation	≤±0.5% (-30℃~+55℃)			
Current stabilization	≤±1% (-30℃~+55℃, 20%-100%Load current)			
Output ripple	Ripple peak coefficient ≤ ±1% (input voltage at 85%, 100%, 115%)			
Overall machine efficiency	≥96% (100% full load output power)			
Standby power consumption	≤15W			
Heat dissipation	air-cooled			
Noise	≤75db(1 meter away)			
Cable specifications	Cu : 3*16+2*10mm² Al : 3*25+2*16mm²	Cu : 3*25+2*16mm² Al : 3*35+2*25mm²	Cu : 3*35+2*25mm² Al : 3*70+2*50mm²	Cu : 3*50+2*35mm² Al : 3*95+2*70mm²
Relevant standards	Meets technical requirements:GB/T 18487.1-2015; GB/T 27930-2015; GB/T 20234-2015			
Charging gun	5m charging gun (length customized available)			
Package size	1360*610*2410mm			
Gross weight	327kg (40KW) 351kg (60KW)			



Credit Card Payments (Optional)



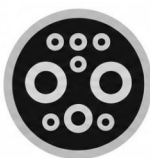
CCS1



CCS2



CHAdeMO



GB/T



Tesla (NACS)

DC SERIES V

Standard Fast EV Charger

DC 40KW

60KW 80KW

Dual Guns

KP-D40D-V



55-inch Advertising Screen

Double your revenue with a 55-inch ad screen that turns charging time into high-impact marketing prime time.



4G / Ethernet / WIFI

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



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP Grade: IP54 Waterproof

Robust IP54 waterproof protection, engineered to withstand heavy rain and dust.



Modular Design for Maintenance

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



Noise: ≤75db

Ultra-quiet operation at ≤75dB, perfect for quiet residential and commercial zones.



Working Temperature: -30℃ to 80℃

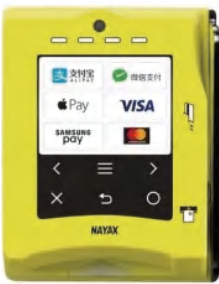
All-weather durability, performing flawlessly in extreme climates from -30℃ to 80℃.



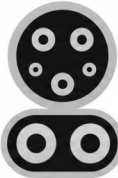
PRODUCT

PARAMETERS

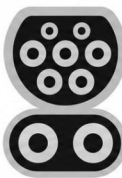
Model	KP-D40D-V	KP-D60D-V	KP-D80D-V
Input voltage	AC380V Three-phase five-wire		
Input voltage range	380Vac±20%		
Maximum input current	76A	116A	152A
Operating frequency	50/60Hz		
Output voltage range	50-1000VDC		
Maximum output	133A	200A	250A
Output power	40KW	60KW	80KW
Power switching			
THDi	≤5% (Input 380V, Output 1000V, 50%-100% Load)		
Input surge current	≤110% of rated input current		
Power factor	≥0.99 (50%-100% output power, nominal input voltage and frequency)		
	≥0.95 (20%-50% output power, nominal input voltage and frequency)		
Voltage regulation	≤±0.5% (-30℃~+55℃)		
Current stabilization	≤±1% (-30℃~+55℃, 20%-100%Load current)		
Output ripple	Ripple peak coefficient ≤ ±1% (input voltage at 85%, 100%, 115%)		
Overall machine efficiency	≥96% (100% full load output power)		
Standby power consumption	≤15W		
Heat dissipation	air-cooled		
Noise	≤75db(1 meter away)		
Cable specifications	Cu : 3*25+2*16mm² Al : 3*35+2*25mm²	Cu : 3*35+2*25mm² Al : 3*70+2*50mm²	Cu : 3*50+2*35mm² Al : 3*95+2*70mm²
Relevant standards	Meets technical requirements:GB/T 18487.1-2015; GB/T 27930-2015; GB/T 20234-2015		
Charging gun	5m charging gun (length customized available)		
Package size	1600*1000*2400mm		
Gross weight	351kg (80KW)		



Credit Card Payments (Optional)



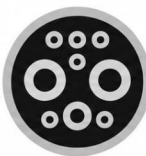
CCS1



CCS2



CHAdeMO



GB/T



Tesla (NACS)

DC SERIES VI

Standard Fast EV Charger

Ultra DC 60KW
to 240KW

KP-D120D-VI



32-inch Advertising Screen

Double your revenue with a 32-inch ad screen that turns charging time into high-impact marketing prime time.



4G / Ethernet / WIFI

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



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP54 Waterproof & Noise: ≤75db

Built for the elements and quiet spaces alike. It delivers robust IP54 defense against rain and dust and runs quietly at under 75dB for commercial and residential comfort.



Modular Design for Maintenance

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



Power Assisted Arm

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



Working Temperature: -30℃ to 70℃

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



PRODUCT
PARAMETERS

Model	KP-D60D-VI KP-D80D-VI KP-D120D-VI KP-D160D-VI KP-D180D-VI KP-D240D-VI					
Rated Input Voltage	AC380 V three-phase five-wire					
Input Voltage Range	380 VAC ±20 %					
Maximum Input Current	116 A	152 A	228 A	304 A	384 A	456 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	250 A / 300 A		300 A
Rated Output Power	60 kW	80 kW	120 kW	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					
IP Grade	IP54					
Working Temperature	-30 °C ~ 70 °C					
Cu Cable (mm²)	3×35+2×25	3×50+2×35	3×95+2×70	3×120+2×95	3×150+2×120	3×240+2×150
Al Cable (mm²)	3×70+2×50	3×95+2×70	3×120+2×95	3×150+2×120	3×185+2×150	3×300+2×240
LCD Display	7 Inch Touch Screen					
Package size	1090*990*2180mm					
Gross weight	379.5kg (120KW)					



DC SERIES VII

Standard Fast EV Charger

DC 60KW

to 240KW

KP-D120D-VII



7-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.



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP54 Waterproof & Noise: ≤75db

Built for the elements and quiet spaces alike. It delivers robust IP54 defense against rain and dust and runs quietly at under 75dB for commercial and residential comfort.



Modular Design for Maintenance

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



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.



Working Temperature: -30℃ to 70℃

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

PRODUCT

PARAMETERS

Model	KP-D60D-VII	KP-D80D-VII	KP-D120D-VII	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	116 A	152 A	228 A	304 A	384 A	456 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	250 A	300 A	300 A
Rated Output Power	60 kW	80 kW	120 kW	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	IP54					
Working Temperature	-30℃ ~ 70℃					
Cu Cable (mm²)	3×35+2×25	3×50+2×35	3×95+2×70	3×120+2×95	3×150+2×120	3×240+2×150
Al Cable (mm²)	3×70+2×50	3×95+2×70	3×120+2×95	3×150+2×120	3×185+2×150	3×300+2×240
LCD Display	7 Inch Touch Screen					
Package size	1090*990*2180mm					
Gross weight	345kg (120KW)					



DC SERIES VIII

Standard Fast EV Charger

DC 60KW

to 240KW

KP-D120D-VIII



32-inch Advertising Screen

Double your revenue with a 32-inch ad screen that turns charging time into high-impact marketing prime time.



4G / Ethernet / WIFI

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



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP54 Waterproof & Noise: ≤75db

Built for the elements and quiet spaces alike. It delivers robust IP54 defense against rain and dust and runs quietly at under 75dB for commercial and residential comfort.



Modular Design for Maintenance

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



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.



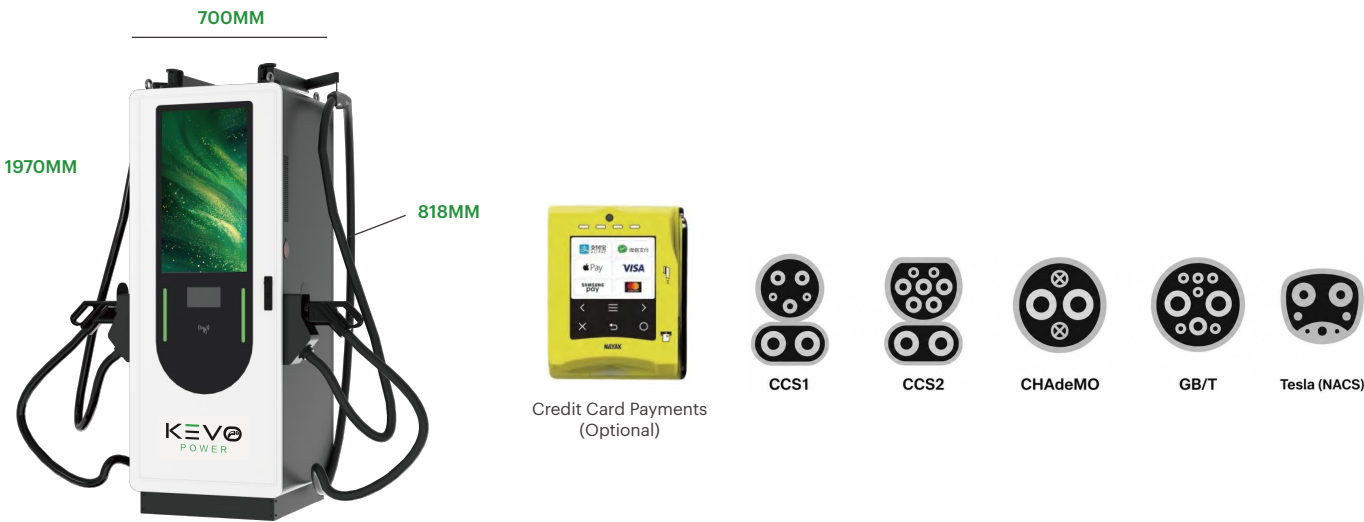
Working Temperature: -30℃ to 70℃

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

PRODUCT

PARAMETERS

Model	KP-D60D-VIII	KP-D80D-VIII	KP-D120D-VIII	KP-D160D-VIII	KP-D180D-VIII	KP-D240D-VIII
Rated Input Voltage	AC380 V three-phase five-wire					
Input Voltage Range	380 VAC ±20 %					
Maximum Input Current	116 A	152 A	228 A	304 A	384 A	456 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	250 A / 300A		300 A
Rated Output Power	60 kW	80 kW	120 kW	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	IP54					
Working Temperature	-30℃ - 70℃					
Cu Cable (mm²)	3×35+2×25	3×50+2×35	3×95+2×70	3×120+2×95	3×150+2×120	3×240+2×150
Al Cable (mm²)	3×70+2×50	3×95+2×70	3×120+2×95	3×150+2×120	3×185+2×150	3×300+2×240
LCD Display	7 Inch Touch Screen					
Package size	1090*990*2180mm					
Gross weight	379.5kg (120KW)					



DC SERIES IX

Standard Fast EV Charger

DC 60KW

to 240KW

KP-D120D-IX



7-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.



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP54 Waterproof & Noise: ≤75db

Built for the elements and quiet spaces alike. It delivers robust IP54 defense against rain and dust and runs quietly at under 65dB for commercial and residential comfort.



Modular Design for Maintenance

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



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.



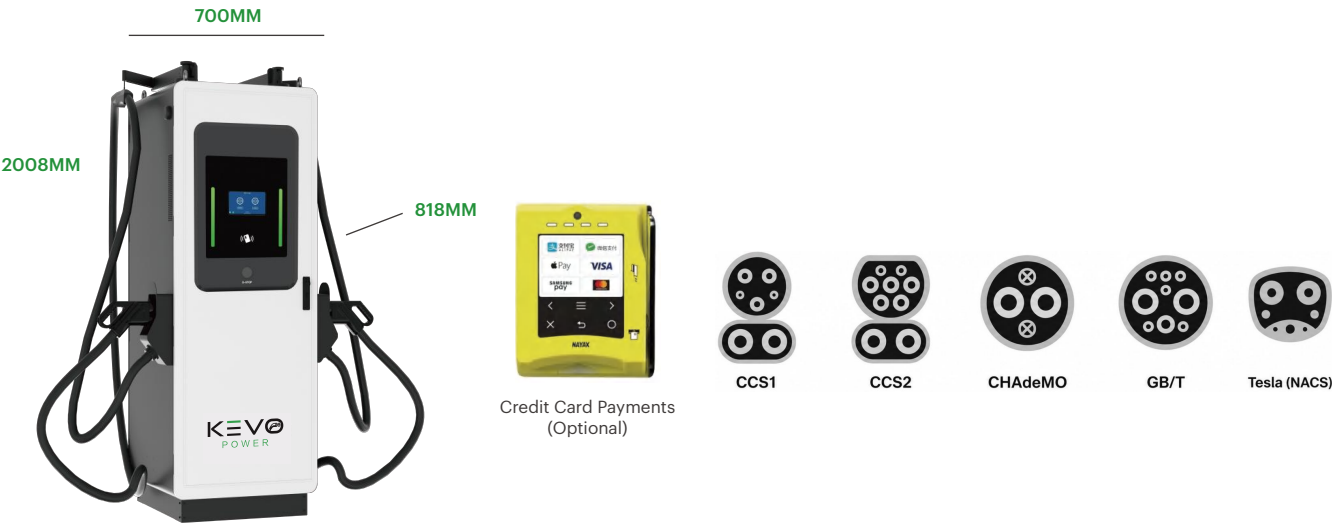
Working Temperature: -30℃ to 70℃

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

PRODUCT

PARAMETERS

Model	KP-D60D-IX	KP-D80D-IX	KP-D120D-IX	KP-D160D-IX	KP-D180D-IX	KP-D240D-IX
Rated Input Voltage	AC380 V three-phase five-wire					
Input Voltage Range	380 VAC ±20 %					
Maximum Input Current	116 A	152 A	228 A	304 A	384 A	456 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	250 A / 300 A (Optional)		300 A
Rated Output Power	60 kW	80 kW	120 kW	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	IP54					
Working Temperature	-30 ℃ ~ 70 ℃					
Cu Cable (mm²)	3×35+2×25	3×50+2×35	3×95+2×70	3×120+2×95	3×150+2×120	3×240+2×150
Al Cable (mm²)	3×70+2×50	3×95+2×70	3×120+2×95	3×150+2×120	3×185+2×150	3×300+2×240
LCD Display	7 Inch Touch Screen					
Package size	1090*990*2180mm					
Gross weight	345kg (120KW)					



DC SERIES X

Standard Fast EV Charger

DC 320KW

360KW 400KW

KP-D400D-X



Optional

32-inch Advertising Screen

Double your revenue with a 32-inch ad screen that turns charging time into high-impact marketing prime time.



4G / Ethernet / WIFI

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



Communication Protocol: OCPP 1.6J / 2.0.1

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



IP54 Waterproof & Noise: ≤75db

Built for the elements and quiet spaces alike. It delivers robust IP54 defense against rain and dust and runs quietly at under 75dB for commercial and residential comfort.



Modular Design for Maintenance

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



Power Assisted Arm

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



Working Temperature: -30℃ to 70℃

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

PRODUCT

PARAMETERS

Model	KP-D320D-X	KP-D360D-X	KP-D400D-X
Rated Input Voltage	AC380 V three-phase five-wire		
Input Voltage Range	380 VAC ±20 %		
Maximum Input Current	640 A (320A/every route)	720 A (360A/every route)	800 A (400A/every route)
Operating Frequency	50/60 Hz		
Output Voltage Range	50-1000 V DC		
Maximum Output Current	250 A		
per Gun/Connector			
Rated Output Power	320 kW	360 kW	400 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 ℃ to +55 ℃)		
Current Regulation Accuracy	Current regulation ±1 % (-30 ℃ to +55 ℃, 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		
IP Grade	IP54		
Working Temperature	-30 ℃ ~ 70 ℃		
Cable Specification Reference	Cu: 3×120mm²+2×70mm² Al: 13×185mm²+2×120mm²	Cu: 3×150mm²+2×95mm² Al: 3×240mm²+2×150mm²	Cu: 3×185mm²+2×120mm² Al: 3×300mm²+2×240mm²
Relevant Standards	GB/T 18487.1-2015; GB/T 27930-2015; GB/T 20234-2015		
Package Size	1050*1200*2360mm		
Gross Weight	486.5kg (400KW)		

