



PORTABLE EV CHARGER

Feature: Portable AC single-phase. Ideal for flexible use or emergency charging. Flexible installation and easy to use.



Specifications: 3.5 KW / 7 KW

SPECIFICATIONS

Model No.		KSEVC-PE-3.5KW	KSEVC-PE-7KW
Input	Wires	3 Wire: Single Phase (L+N+PE) / (L+L+PE)	3 Wire: Single Phase (L+N+PE) / (L+L+PE)
	Input Voltage (AC)	220V	220V
	Frequency	50/60Hz	50/60Hz
Output	Output Voltage	220V	220V
	Current Options	16A	32A / 16A
	Norminal Power(KW)	3.5	7 / 3.5
	Charge Connector	Type 2 socket	Type 2 socket
User Interface	Enclosure	plastic	plastic
	Front Panel	PVC	PVC
	LCD Display	2.4inch	2.4inch
	RFID Reader	/	/
Control	Start Mode	Plug and Charge	Plug and Charge
	Emergency Stop	NO	NO
	Energy Meter	Yes	Yes
Safety	RCD	30mA Type A	30mA Type A
	Ingress Protection	IP65	IP65
	Impact Protection	IK08	IK08
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection,Cp protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection,Cp protection
	Certification	CE	CE
	Certification Standard	EN/IEC 61851-1: 2019 EN/IEC 61851-21-2: 2021 EN/IEC 61000-3-12: 2011 EN/IEC 61000-3-11: 2019"	EN/IEC 61851-1: 2019 EN/IEC 61851-21-2: 2021 EN/IEC 61000-3-12: 2011 EN/IEC 61000-3-11: 2019"
Environ-ment	Warranty	2 years	2 years
	Installation	Portable	Portable/Wall mount
	Work Temperature	-30°C~+50°C	-30°C~+50°C
	Work Humidity	5%~95%	5%~95%
	Work Altitude	<2000m	<2000m
Package	Product Dimension	240*110*80mm (H*W*D)	240*110*80mm (H*W*D)
	Package Dimension	400*300*140mm (H*W*D)	400*300*140mm (H*W*D)
	Net Weight	3kg	3.5kg
	Gross Weight	4kg	4kg
	External Package	Carton	Carton



HOME USE AC EV CHARGER

Feature: Simple, safe charging for everyday households. Designed for private home use, easy installation, and daily charging convenience.

1. Wall-mounted AC single-phase 7kW (Suitable for most home parking setups)
2. Wall-mounted AC three-phase 22kW (Faster charging)
3. Tuya App ready: Monitor and control charging easily via mobile app.

Specifications: 7KW / 11KW / 22KW

SPECIFICATIONS

Model		KSEVC-WE-7KW	KSEVC-WE-22KW	
Input	Wires	3 Wire: Single Phase (L+N+PE) /(L+L+PE)		
	Input Voltage (AC)	220V		
	Frequency	50/60Hz		
Output	Output Voltage	220V		
	Current Options	32A	16A	
	Norminal Power(KW)	7	3.5	
	Charge Connector	Type 2 socket		
User Interface	Enclosure	plastic		
	Front Panel	PVC		
	LCD Display	4.3inch		
	RFID Reader	Mifare ISO/IEC 14443 A		
Communication	Start Mode	Plug/RFID card/APP		
	Emergency Stop	Yes		
	Energy Meter	Yes		
Communication (Optional)	Wifi	Yes		
	Ethernet	Yes		
	3G/4G	Yes		
Safety	OCP	OCP 1.6/2.0 Json		
	RCD	30mA Type A, RCD Type B		
Electrical Protection	Ingress Protection	IP65		
	Impact Protection	IK08		
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection,Cp protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection,Cp protection	
	Certification	CE		
Certification Standard	Certification Standard	EN/IEC 61851-1: 2019 EN/IEC 61851-21-2: 2021 EN/IEC 61000-3-12: 2011 EN/IEC 61000-3-11: 2019"	EN/IEC 61851-1: 2019 EN/IEC 61851-21-2: 2021 EN/IEC 61000-3-12: 2011 EN/IEC 61000-3-11: 2019"	
	Environment	Warranty	2 years	
		Installation	Wall-mount/Pole-mount	
		Work Temperature	-30°C~+50°C	
Package	Work Humidity	5%~95%		
	Work Altitude	<2000m		
	Product Dimension	313*246*100mm (H*W*D)		
Package	Package Dimension	460*400*170mm (H*W*D)		
	Net Weight	3.5kg		
	Gross Weight	4kg		
	External Package	Carton		



DUAL GUN OCPP AC CHARGING STATION

Feature: Support OCPP 1.6, allowing smart management, access control, and future expansion. Compatible with the KarstCharge Platform for remote monitoring and management.



Specifications and Design:
Floor standing : 2x7KW / 2x22KW

SPECIFICATIONS

Model		KSEVC-WE-14KW	KSEVC-WE-44KW
Input	Wires	3 Wire: Single Phase (L+N+PE) /(L+L+PE)	
	Input Voltage (AC)	220V	
	Frequency	50/60Hz	
Output	Output Voltage	220V	
	Current Options	32A	16A
	Norminal Power(KW)	14	7
	Charge Connector	Type 2 socket	
User Interface	Enclosure	steel	plastic
	Front Panel	PVC	PVC
	LCD Display	4.3inch	4.3inch
	RFID Reader	Mifare ISO/IEC 14443 A	Mifare ISO/IEC 14443 A
Communi- cation	Start Mode	Plug/RFID card/APP	
	Emergency Stop	Yes	Yes
	Energy Meter	Yes	Yes
Communi- cation (Option- al)	Wifi	Yes	Yes
	Ethernet	Yes	Yes
	3G/4G	Yes	Yes
	OCPP	OCPP 1.6/2.0 Json	
Safety	RCD	30mA Type A, RCD Type B	
	Ingress Protection	IP64	IP65
	Impact Protection	IK10	IK08
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection,Cp protection	Over current protection, Residual current protection, Short circuit protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection,Cp protection
Certification	CE		
Certification Standard		EN/IEC 61851-1: 2019	EN/IEC 61851-1: 2019
		EN/IEC 61851-21-2: 2021	EN/IEC 61851-21-2: 2021
		EN/IEC 61000-3-12: 2011	EN/IEC 61000-3-12: 2011
		EN/IEC 61000-3-11: 2019"	EN/IEC 61000-3-11: 2019"
Environ- ment	Warranty	2 years	
	Installation	Ground mounting	
	Work Temperature	-20°C~+50°C	
	Work Humidity	5%~95%	
	Work Altitude	<2000m	
Package	Product Dimension	300*150*1400mm (H*W*D)	
	Package Dimension	450*200*1500mm (H*W*D)	
	Net Weight	20kg	
	Gross Weight	22kg	
	External Package	Carton	



SINGLE GUN DC FAST CHARGING STATION

Feature: Best for commercial locations, fleet use, and fast turnaround charging.

Specifications: 20KW / 30KW / 40KW / 50KW

SPECIFICATIONS

Model No.	KSEVC-WD -20KW	KSEVC-WD -30KW	KSEVC-WD -40KW-1	KSEVC-WD -50KW	
Input	Input voltage:		288-475V		
	Nominal grid frequency		50 Hz/ 60 Hz		
	Grid frequency range		45 Hz- 65 Hz		
	Earthing system		TN-C, TN-S, TN-C-S, TT		
	Max. input current	45A	59A	80A	100A
	Power factor		≥0.99		
	Total harmonic distortion (THDi)		< 5 % at full output power		
Output	DC output power	20KW	30KW	40KW	50KW
	DC output voltage	200-1000V			
	DC output current	67A	100A	134A	134A
	Grid voltage	3 / N / PE, 380 Vac /400 Vac (±10 %)			
	Charging interface	GB/T 20234,2-2015 (Customizable)			
Charging connector	Connector type		CCS2		
	Number of EV served		1		
	Cable length		5 m (standard) 7 m (optional)		
Efficiency	Max. efficiency		III		
	Overvoltage category		96.50%		
User interface	Display		4.3-inch color touch screen		
	Language		English (default) Other languages available by firmware upgrade		
	Authentication		VIN code, password, NFC-card, scanning code		
	RFID system		ISO / IEC 14443 A/B, ISO / IEC 15693		
	Energy metering		MID metering (CE compliant) Eichrecht /PTB compliant (optional)		
	Communication interface		4G, Wi-Fi, Ethernet		
	Communication protocol (charger-to-CSMS)		OCPP 1.6J Ready for OCPP 2.0.1		
	Mode of Operation		Offline non-billing, offline billing, online billing		
Safety	Over /under voltage protection		Yes		
	Over-current protection		Yes		
	short-circuit protection		Yes		
	Over-temperature protection		Yes		
	Surge protection		Yes		
	Emergency stop		Yes, integrated		
	Degree of protection		IP54		
Environment	Operating ambient temperature range		-20°C-+50°C		
	Allowable relative humidity range		5 % - 95 % (non-condensing)		
	Codling method		≤2000 m		
	Max. operating altitude		Natural Cooling		
	Noise (typical)		≤50 dB (A)		
	Degree of protection		Class B		
	Dimensions (W*H*D)		490*680*190		
Mechanical data	Weight				
	Installation method		Ground mounting		
	Mechanical impact protection		IK10		
	Certifications		CE, CB, UKCA, RCM, ADQCC, MoIAT, PEA		
Certification and standards	Compliance		ETSI / EN 300 328, EN 300 330, EN 301 489-1 / 3 / 17 / 52, ETSI / EN 301 908-1 / 13, EN 50665, BS /EN IEC 61851-1, BS / EN IEC 61851-21-2, BS / IEC EN 61851-23 / 24, EN IEC 62311		
	Warranty		3 years (standard)		



DUAL GUN DC FAST CHARGING STATION

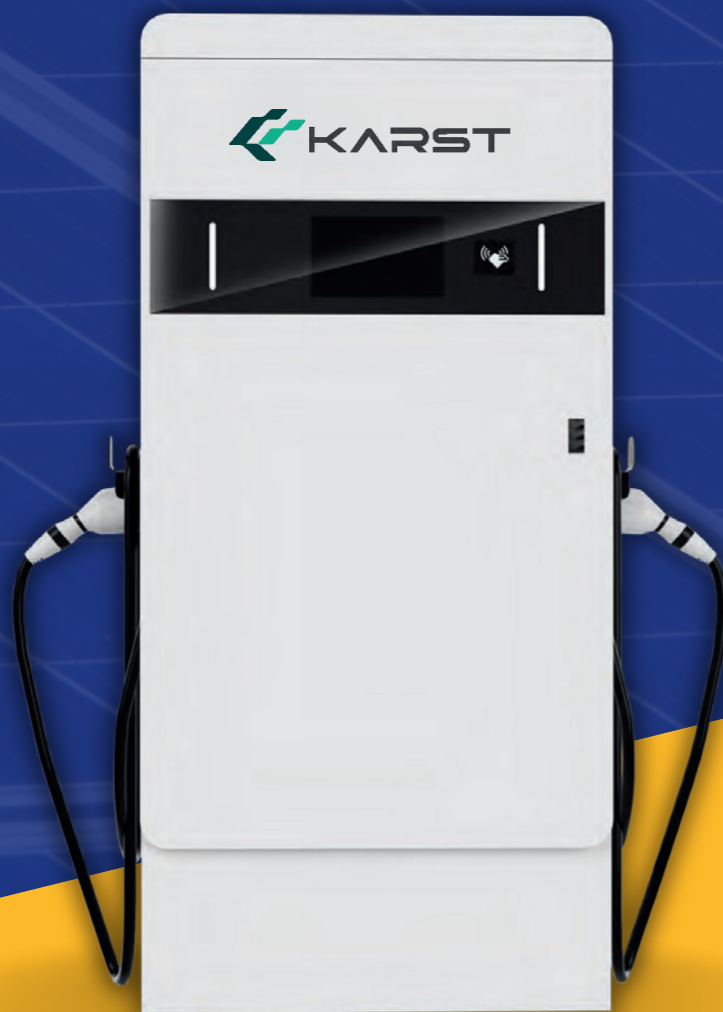
Feature: High-efficiency fast charging solutions for commercial and heavy-duty applications.



Specifications: 60KW / 80KW / 100KW

SPECIFICATIONS

Model No.	KSEVC-WD -40KW-2	KSEVC-WD -60KW-2	KSEVC-WD -80KW	KSEVC-WD -100KW
Input	Input voltage: 380V+20%			
	Nominal grid frequency: 50 Hz/ 60 Hz			
	Grid frequency range: 45 Hz- 65 Hz			
	Earthing system: TN-C, TN-S, TN-C-S, TT			
	80A	120A	160A	200A
	Power factor: ≥ 0.99			
	Total harmonic distortion (THDi): $< 5\%$ at full output power			
Output	40KW	60KW	80KW	100KW
	DC output voltage: 200V-1000V			
	125A	160A	200A	250A
	Grid voltage: 3 / N / PE, 380 Vac /400 Vac ($\pm 10\%$)			
	Charging interface: GB/T 20234,2-2015 (Customizable)			
Charging connector	Connector type: CCS2			
	Number of EV served: 2			
	Cable length: 5 m (standard) 7 m (optional)			
Efficiency	Max. efficiency: III			
	Overvoltage category: 96.50%			
User interface	Display: 10-inch color touch screen			
	Language: English (default) Other languages available by firmware upgrade			
	Authentication: VIN code, password, NFC-card, scanning code			
	RFID system: ISO / IEC 14443 A/B, ISO / IEC 15693			
	Energy metering: MID metering (CE compliant) Eichrecht/PTB compliant (optional)			
	Communication interface: 4G, Wi-Fi, Ethernet			
	Communication protocol (charger-to-CSMS): OCPP 1.6J Ready for OCPP 2.0.1			
	Mode of Operation: Offline non-billing, offline billing, online billing			
Safety	Over /under voltage protection: Yes			
	Over-current protection: Yes			
	short-circuit protection: Yes			
	Over-temperature protection: Yes			
	Surge protection: Yes			
	Emergency stop: Yes, integrated			
	Degree of protection: IP54			
Environment	Operating ambient temperature range: -20°C - $+50^{\circ}\text{C}$			
	Allowable relative humidity range: 5% - 95% (non-condensing)			
	Codling method: ≤ 2000 m			
	Max. operating altitude: Natural Cooling			
	Noise (typical): ≤ 50 dB (A)			
	Degree of protection: Class B			
	Dimensions (W*H*D): 1400*440*300mm			
	Weight: Ground mounting			
Mechanical data	Installation method: Ground mounting			
	Mechanical impact protection: IK10			
	Certifications: CE, CB, UKCA, RCM, ADQCC, MoIAT, PEA			
Certification and standards	Compliance: IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED,2014/53/EU			
	Warranty: 3 years (standard)			



DUAL GUN DC FAST CHARGING STATION

Feature: High-efficiency fast charging solutions for commercial and heavy-duty applications.



Specifications: 120KW / 160KW / 240KW / 320KW

SPECIFICATIONS

Model No.		KSEVC-WD -120KW	KSEVC-WD -160KW	KSEVC-WD -180KW	KSEVC-WD -240KW	KSEVC-WD -320KW	KSEVC-WD -400KW
Input	Input voltage:	380Vac±20%					
	Nominal grid frequency	50Hz±10%					
	Grid frequency range	45 Hz- 65 Hz					
	Earthing system	TN-C, TN-S, TN-C-S, TT					
	Max. input current	256A	341A	385A	511A	682A	850A
	Power factor	≥0.99					
Output	Total harmonic distortion (THDi)	< 5 % at full output power					
	DC output power	120KW	160KW	180KW	240KW	320KW	400KW
	DC output voltage	200-1000V					
	DC output current	0~250A				0~375A	0~500A
	Grid voltage	3 / N / PE, 380 Vac /400 Vac (±10 %)					
	Charging interface	GB/T 20234,2-2015 (Customizable)					
Charging connector	Connector type	CCS2					
	Number of EV served	2					
	Cable length	5 m (standard) 7 m (optional)					
Efficiency	Max. efficiency	III					
	Overvoltage category	96.50%					
User interface	Display	10-inch touch screen					
	Language	English (default) Other languages available by firmware upgrade					
	Authentication	VIN code, password, NFC-card, scanning code					
	RFID system	ISO / IEC 14443 A/B, ISO / IEC 15693					
	Energy metering	MID metering (CE compliant) Eichrecht /PTB compliant (optional)					
	Communication interface	4G, Wi-Fi, Ethernet					
	Communication protocol (charger-to-CSMS)	OCPP 1.6J Ready for OCPP 2.0.1					
Safety	Mode of Operation	Offline non-billing, offline billing, online billing					
	Over /under voltage protection	Yes					
	Over-current protection	Yes					
	short-circuit protection	Yes					
	Over-temperature protection	Yes					
	Surge protection	Yes					
	Emergency stop	Yes, integrated					
Environment	Degree of protection	IP54					
	Operating ambient temperature range	-20°C-+50°C					
	Allowable relative humidity range	5 % - 95 % (non-condensing)					
	Codling method	≤2000 m					
	Max. operating altitude	Natural Cooling					
	Noise (typical)	≤50 dB (A)					
	Degree of protection	Class B					
Mechanical data	Dimensions (W*H*D)	850*530*1800mm					
	Weight						
	Installation method	Ground mounting					
	Mechanical impact protection	IK10					
Certification and standards	Certifications	CE, CB, UKCA, RCM, ADQCC, MoIAT, PEA					
	Compliance	ETSI / EN 300 328, EN 300 330, EN 301 489-1 / 3 / 17 / 52, ETSI / EN 301 908-1 / 13, EN 50665, BS /EN IEC 61851-1, BS / EN IEC 61851-21-2, BS / IEC EN 61851-23 / 24, EN IEC 62311					
	Warranty	3 years (standard)					