





#### **Portable EV Charger**

- Type2 Portable EV Charger
- GB/T Portable EV Charger



Charging head optional







	MDAC132ENF	MDAC132ENF-P	
	AC2	30V	
	50	HZ	
	7k	W	
	1-ph	nase	
	32	2A	
	IP	ô5	
°C ~	- +50°C		
on-o	condensing		-
200	00m	1	
alai	ir cooling		
Ν	0		
N	0		

 No
 YES

 TypeA
 Yes

 230 \* 110 \* 60mm

 Question
 Type G

 Type H
 Type I

 Type I
 Type I

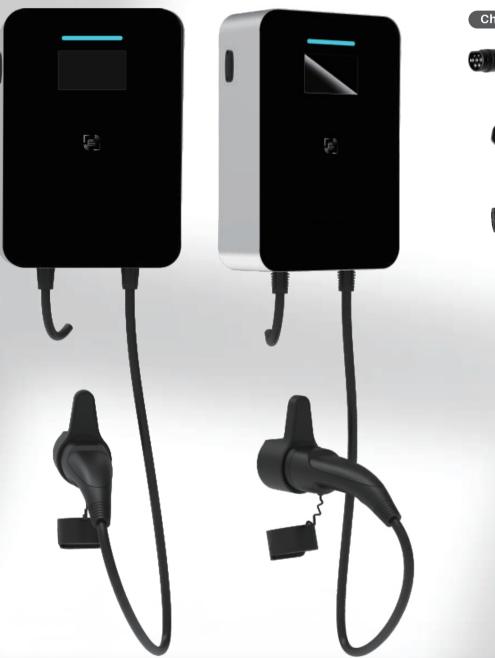
Plug Can Be Customized

Туре О



# **EV CHARGER WALLBOX**

- Type2 EV Charger
- GB/T EV Charger



#### Charging head optional





Model	MDAC132EN	MDAC316EN	MDAC332EN
Working voltage	AC230V	AC400V(L1+L2+L3+N+PE)	AC400V(L1+L2+L3+N+P
Frequency	50HZ	50HZ	50HZ
Rated power	7kW	11kW	22kW
Power supply circuit	1-phase	3-phase	3-phase
Rated Maximum Pow <mark>e</mark> r	32A	16A	32A
IP Degree	IP65	IP65	IP65
Cable length		5m	
Working Environment			
Workingtemperature		-30°C — + 50°C	
Working humidity		5%~ 95%HR	
Maximum altitude		<2000m	
The cooling way		Natural air cooling	
Product performance Over voltage protection, Underv Over temperature protection, Lig Safety standards Applicable environment	phtning protection, Short cire	protection, Leakage Protection, Grou cuit protection 4,GB \ T18487,NB \ T33008,NB \ T33002 / IEC Home/Indoor/Outdoor	
Over voltage protection, Underv Over temperature protection, Lig Safety standards Applicable environment function	phtning protection, Short cire	cuit protection 4,GB \ T18487,NB \ T33008,NB \ T33002 / IEC Home/Indoor/Outdoor	
Over voltage protection, Underv Over temperature protection, Lig Safety standards Applicable environment function communication iprotocol.	phtning protection, Short cire	cuit protection 4,GB \ T18487,NB \ T33008,NB \ T33002 / IEC Home/Indoor/Outdoor OCPP1.6	
Over voltage protection, Underv Over temperature protection, Lig Safety standards Applicable environment function communication iprotocol.	phtning protection, Short cire	cuit protection 4,GB \ T18487,NB \ T33008,NB \ T33002 / IEC Home/Indoor/Outdoor	
Over voltage protection, Underv Over temperature protection, Lig Safety standards Applicable environment function communication iprotocol. Networking method Physical size	phtning protection, Short cire	cuit protection 4,GB \ T18487,NB \ T33008,NB \ T33002 / IEC Home/Indoor/Outdoor OCPP1.6 4G or Ethernet optional	
Over voltage protection, Underv Over temperature protection, Lig Safety standards Applicable environment function communication iprotocol.	ghtning protection, Short circ GB\T2023	cuit protection 4,GB \ T18487,NB \ T33008,NB \ T33002 / IEC Home/Indoor/Outdoor OCPP1.6	261851-21-2:2021



# **EV CHARGER WALLBOX**

- Type2 EV Charger
- GB/T EV Charger



Model Input voltage Input frequency Power	MDAC 132EN K AC230V 50HZ	MDAC 316EN K AC400V(L1+L2+L3+N+PE) 50HZ	MDAC 332EN K AC400V(L1+L2+L3+N+PE 50HZ
Input frequency			
	50HZ	50HZ	5047
Power			30HZ
	7kW	11kW	22kW
Phase	1-phase	3-phase	3-phase
Rated Maximum Power	32A	16A	32A
Specification size mm (L×W×H)		345×195×95.5mm	
Cable length		5m	
output method		wring method C	
Safety standards	GB \ T20234,GB	\T18487,NB\T33008,NB\T33002	/IEC61851-21-2:2021
НМІ		4.3 inch screen/LED indicator	
Protect design	Overvoltage protection, undervoltage protection, short circuit protection, overload protection, grounding protection, overtemperature protection, low temperature protection, lightning protection and leakage protection		ection
Applicable environment		Home/Indoor/Outdoor	1
Operating temperature	~ 1	-20°C-+55°C	X
Working humidity		5% ~ 95% no condensation	
Maximum altitude	-	<2000m	1
Protection level		IP54	
cooling method		natural cooling	
MTBF		30,000 hours	
special protection		Anti-UV design	
communication iprotocol.		OCPP1.6	
Networking method		4G or Ethernet optional	
	Rated Maximum Power         Specification size mm (L×W×H)         Cable length         Output method         Safety standards         HMI         Protect design         Operating temperature         Working humidity         Maximum altitude         Protection level         Cooling method         Special protection         special protection	Rated Maximum Power32ASpecification size mm (L×W×H)32ACable length1Output methodGB \ T20234,GBHMIGB \ T20234,GBProtect designIIIIApplicable environmentIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Rated Maximum Power32A16ASpecification size mm (L×W×H)345×195×95.5mmCable length5mOutput method5moutput methodGB \ T20234,GB \ T18487,NB \ T33008,NB \ T33002HMI4.3 inch screen/LED indicatorProtect designOvervoltage protection, overload protection, 



# **EV CHARGER WALLBOX**

- Type2 EV Charger
- GB/T EV Charger



Charging head optional





Installation method	Column type, wall-mounted type
	Column type, wait mounted type
Wiring method	top in , bottom out
Input voltage	AC230V+10%
Input frequency	50Hz
Power	7kW
Output current	AC230V±10%
Standby power consumption	<6W
Specification size mm (L×W×H)	321×179.7×106.2mm
Cable length	5m
Safety standards	GB \ T20234,GB \ T18487,NB \ T33008,NB \ T33002 / IEC61851-21-2:2021
НМІ	LED indicator
Protect design	Overvoltage protection, undervoltage protection, short circuit protection, overload protection, grounding protection, overtemperature protection, low temperature protection, tightning protection and leakage protection
Applicable environment	Home/Indoor/Outdoor
Operating temperature	-20°C-+55°C
Working humidity	5% ~ 95% no condensation
Maximum altitude	<2000m
Protection level	IP54
cooling method	natural cooling
MTBF	30,000 hours
special protection	Anti-UV design
communication iprotocol.	OCPP1.6
Networking method	4G or Ethernet optional
	PowerIOutput currentIStandby power consumptionISpecification size mmICable lengthICable lengthISafety standardsIHMIIProtect designIOperating temperatureIWorking humidityIMaximum altitudeIProtection levelICooling methodISpecial protectionICommunication iprotocol.I



#### **SMART HOME EV CHARGING STATION**

• Sheet Metal/Operations/Home Edition



Charging Equipmen Rated current Specification size mm (L×W×H) cable length 4.3-inch display/indica Measurement method charging method Swipe card to charge/scan co Feature Design charging settings Credit card pa payment method scan code c Ethernet/4G network or way of communication Protective function Safety Design security function safety standard Operating temperature Relative humidity Storage temperature working altitude Protection class noise control

Product Specifications

Installation method

Product Name

Type 2

GB/T

Operation version, normal version(MDAC3-7kWP)	Simple Version (Home Version MDAC3-7kWS)
Column type, wa	III-mounted type
down in d	down out
AC220V±10%, single-phase	three-wire system (L+N+PE)
50±	1Hz
Single-phas	se AC220V
32	A
Wiring m	ethod C
390×260>	×125mm
5r	n
4.3-inch display/indicator	none
Hav	ve
Swipe card to charge/scan code to charge	Plug and charge/swipe card charging
nor	ne
Credit card payment/ scan code payment	none
Ethernet/4G network, ordinary version can not be connected to the Internet	485 (reserved)
Overvoltage protection, undervolta short circuit protection, Ove lightning protection, eme leakage protection, Relay adhe	er temperature protection, ergency stop protection,
Withstand voltage: AC 2kV, in	isulation resistance: > 10M $\Omega$
GB/T20234-2015、 GB/T27930-2015、 NB/T330	
-20°C~-	+50° <b>℃</b>
5%-95% non-cor	ndensing cream
-40°C~-	+70°C
≤200	00m
IPa	54
≤60	dB



## **EV CHARGING STATION**

• Operation Edition/Normal Edition



Charging head optional





Product Specifications	Operation version, normal version(MDAC
Installation method	Colur
route	
Input voltage	AC220V±10%, sir
input frequency	
The output voltage	
Rated current	
output method	
Specification size mm (L×W×H)	
cable length	
HMI	4.3-inch display/indicator
Measurement method	
charging method	Swipe card to charge/scan code to
charging settings	
payment method	Credit card payment/ scan code payment
way of communication	Ethernet/4G network, ordinary version be connected to the Internet
Protective function	Overvoltage protection short circuit pro lightning prot leakage protection
security function	Withstand voltage
safety standard	GB/T202 GB/T275
Operating temperature	
Relative humidity	5%-9
Storage temperature	
working altitude	
Protection class	
noise control	
	route Input voltage Input frequency The output voltage Rated current Output method Specification size mm (L×W×H) Cable length Cable length HMI Measurement method Charging method Charging settings Charging settings Operating temperature Safety standard Operating temperature Relative humidity Storage temperature working altitude

DAC3-7kWP)	Simple Version (Home Version MDAC3-7kWS)	
olumn type, wa	all-mounted type	
down in (	down out	
%, single-phase	e three-wire system (L+N+PE)	
50±	1Hz	
Single-pha	se AC220V	
32	2A	
Wiring n	nethod C	
390×260	)×125mm	
5	m	
or	none	-
Ha	ave	
le to charge	Plug and charge/swipe card charging	
nc	ne	
	none	
rsion can not rnet	485 (reserved)	
: protection,Ov orotection, em	tage alarm, overcurrent protection, er temperature protection, ergency stop protection, lesion detection, CP detection	
ltage: AC 2kV, ii	nsulation resistance: > $10M\Omega$	
27930-2015、	GB/T18487-2015、 NB/T33008-2018、 002-2018	
-20° <b>C</b> ~	~+50° <b>C</b>	
%-95% non-co	ndensing cream	
-40°C~	~+70° <b>C</b>	
≤20	00m	
IP	54	
≤60	DdB	
	•	



## Wallbox Dual EV Charger

• 14kw-double Charging-wall Mounted



	Equipment size	425×300×117(mm) 1400×300×150(mm) [Plug and charge, swipe card start, 4G operation] [Plug and charge, swipe card start, 4G ope	
	Installation method	Floor mounted/Wall mounted	
	route	down line, down line	
-	Equipment weight (net weight)	29kg	
	cable length	5M	
Charging	Input voltage	AC220V+20%	
Equipment	input frequency	50Hz	
-	rated power	14kW	
P	Measurement accuracy	Level 1	
1	The output voltage	AC220V+20%	
	Output current	32A+32A	
	Standby power consumption	<5₩	
Feature Design	HMI	4.3 inch color touch screen/LED indicator	
	Safety standards	GB\T20234、GB\T18487.NB\T33008、NB\T33002	
Safety Design	Protective function	Overvoltage protection, undervoltage protection, short circuit protection, overload protection, Grounding protection, over temperature protection, low temperature protection, lightning protection, Leakage Protection	
	Applicable environment	Home/Commercial/Indoor/Outdoor	
	Operating temperature	-20°C - +55°C	
	Working humidity	5% ~ 95% non-condensing	
Environmental Design	working altitude	< 2000m	
	Protection class	IP54	
	cooling method	Free cooling	
	MTTBF	30,000 hours	
	special protection	UV resistant design	



#### Wallbox DC Charging Pile Series

• Wall-mounted





Charging head optional





GB/T

Product Specifications	Contents of Technical Instructions (MDDC1)			
rated power	20kW	30kW		
output maximum current	50A	80A		
Constant power output vo <mark>lt</mark> age range	DC400-750V	DC300-1000V		
Dimensions(W×H×D) Without upright <mark>s</mark>	600×450×210mm	650×550×250mm		
Start method	Plug and Charge			
charging mod <mark>e</mark>	Automatic charging, by time,	by power, by amount, etc.		
Display metho <mark>d</mark>	7-inch touch display			
Network backgro <mark>un</mark> d	Support State Grid, Cloud Quick Charge, Xiaoju, Weijingyun and other cloud platforms			
Host computer communication	Ethernet (standard)/4	4G (speed-dating)		
Protective function	Short circuit, over temperature, over current, l	leakage, input over and under voltage, etc.		
charging method	full power	charge		
Input voltage	AC380V	2±20%		
input frequency	50Hz±1	0%Hz		
number of gun <mark>s</mark>	single	gun		
gun line length	Standard 5 meters (optional) DC150-750V adjustable			
Output voltage range				
Output voltage error	≤±0,5	5%		
Output current error	≤±1'	%		
Voltage regulation accuracy	≤±0.8	5%		
Steady flow accu <mark>ra</mark> cy	≤±1	%		
Harmonic content	≤±5	%		
power factor	≥0.9	9		
efficiency	≥95	%		
Electric energy me <mark>te</mark> ring	Grade 1.0 meets	s GB standard		
Insulation resistance	≥20№	/Ω		
noise	≤600	dB		
Protection class	IP54	4		
Use environment	outdoor of	r indoor		
cooling method	air coo	bling		
Operating temperature	-20°C~+	-50°C		
Storage temperature	-40°C~+	-70°C		
Relative humidity	5%~9	5%		
Altitude	≤2000	0m		
Installation method	Wall Mount/Ve	rtical Mount		



• Floor-Standing





Product Specifications	Contents of Technical Instructions (MDDC)			
rated power	30kW	40kW		
number of gun <mark>s</mark>	single and double guns	single and double guns		
ngle gun output maxi <mark>m</mark> um current	63A/80A	80A/125A		
Stake line lengt <mark>h</mark>	Standard 5 meters (op	tional)		
onstant power output v <mark>olt</mark> age range	DC400~750V (optio	nal)		
Dimensions	1720×550×200mm (W×H×D) 7-inch touch display			
Display method				
lost computer commu <mark>n</mark> ication	Ethernet/4G (Speed D	ating)		
charging mod <mark>e</mark>	Automatic charging, by time, by power, by amount, etc.			
Start method	Swipe IC card, scan QR code (AF	PP, WeChat, etc.)		
Protective functi <mark>o</mark> n	Short circuit, over temperature, over current, le	akage, over and under voltage, etc.		
charging method	Full power charging, AB equalizing cha	arging, wheel charging		
Network backgro <mark>u</mark> nd	Support cloud platforms such as State Grid, Cloud	Quick Charge, Xiaoju, Weijingyun, etc.		
Input voltage	AC380V±20%	111		
input frequency	50Hz±10%Hz			
Output voltage ra <mark>n</mark> ge	DC150-750V adjusta	able		
Output voltage e <mark>rro</mark> r	≤±0.5%			
Output current e <mark>rro</mark> r	≤±1%			
Voltage regulation accuracy	≤±0.5%			
Steady flow accu <mark>ra</mark> cy	≤±1%			
Harmonic conte <mark>n</mark> t	≤±5%			
power factor	≥0.99			
efficiency	≥95%			
Electric energy mete <mark>rin</mark> g	Grade 1.0 meets GB sta	andard		
Insulation resistance	≥100M			
noise	≤60dB			
Protection class	IP54			
Use environment	outdoor or indoo	r		
cooling method	air cooling			
operating temperature	-20°C~+50°C			
Storage temperature	-40° <b>C</b> ~+70° <b>C</b>			
Relative humidity	5%~95%			
Altitude	≤2000m			
Installation method	Floor installation			



• Floor-Standing



Product Specifications	Contents of Technical Instructions (MDDC)		
rated powe <mark>r</mark>	60kW	80kW	
number of gu <mark>n</mark> s	single and double guns	single and double guns	
Single gun output max <mark>im</mark> um current	125A	200A	
Stake line len <mark>gt</mark> h	Standard 5 r	meters (optional)	
Constant power output <mark>vo</mark> ltage range	DC300~1000V (Optional)	DC400~750V (Optional)	
Dimensions	1700×750×4	400mm (W×H×D)	
Display meth <mark>o</mark> d	7-inch te	ouch display	
Host computer communication	Ethernet/40	G (Speed Dating)	
charging mo <mark>de</mark>	Automatic charging, by ti	ime, by power, by amount, etc.	
Start method	Swipe IC card, scan Q	R code (APP, WeChat, etc.)	
Protective function	Short circuit, over temperature, over c	current, leakage, over and under voltage, etc.	
charging method	Full power charging, AB equalizing charging, wheel charging		
Network backgr <mark>o</mark> und	Support cloud platforms such as State C	Grid, Cloud Quick Charge, Xiaoju, Weijingyun, etc.	
Input voltag <mark>e</mark>	AC3	80V±20%	
input frequency	50H;	z±10%Hz	
Output voltage range	DC150-78	50V adjustable	
Output voltage error	Sector 10 (1998)	±±0.5%	
Output current error		≤±1%	
Voltage regulation accuracy	≤	s±0.5%	
Steady flow acc <mark>ur</mark> acy		≤±1%	
Harmonic con <mark>te</mark> nt		≤±5%	
power factor		≥0.99	
efficiency		≥95%	
Electric energy m <mark>et</mark> ering	Grade 1.0 m	eets GB standard	
Insulation resistance	2	:100M	
noise	2	≤60dB	
Protection class		IP54	
Use environment	outdoo	or or indoor	
cooling method	air	cooling	
Operating temperature	-20%	C~+50°C	
Storage temperature	-40°	°C∼+70°C	
Relative humidity	5%	%~95%	
Altitude	s s s s s s s s s s s s s s s s s s s	2000m	
Installation method	Floor	installation	



• Floor-Standing



rated power	120kW		160kW
ngle gun output maxim <mark>u</mark> m current		250A	
ouble gun output maxi <mark>m</mark> um current	150A*2		200A*2
Dimensions		1700×750×550mm(W×H×D)	
payment method	SM	ripe card, scan QR code, password	ł
charging method	Automatic charging, by time, by power, by amount, etc.		nount, etc.
Display method	7-inch touch display		
Networking	Ethernet/4G (Speed Dating)		
Network backgro <mark>un</mark> d	Support State Grid, Cloud Quick Charge, Xiaoju, Weijingyun and other cloud platforms		
Protective functi <mark>on</mark>	Short circuit, over temperatu	ure, over current, leakage, input ov	er and under voltage, etc.
Input voltage		AC380V±20%	
input frequency		50Hz±10%Hz	
number of guns		double gun	
gun line length		Standard 5 meters (optional)	/ //
Output voltage ra <mark>n</mark> ge		DC150-750V adjustable	110
Output voltage e <mark>rro</mark> r		≤±0.5%	
Output current error		≤±1%	
Voltage regulation accuracy		≤±0.5%	1-
Steady flow accuracy		≤±1%	
Harmonic conte <mark>n</mark> t	1 mars	≤±5%	
power factor	115	≥0.99	N
efficiency		≥95%	
Electric energy met <mark>e</mark> ring		Grade 1.0 meets GB standard	
Insulation resistance	10	≥100MΩ	1
noise	100	≤65dB	
Protection class		IP54	N N
Use environment		outdoor or indoor	
cooling method		air cooling	
Operating temperature		-20°C~+50°C	
storage temperature		-40°C~+70°C	
Relative humidity		5%~95%	
Altitude		≤2000m	
Installation method		Floor installation	



• Floor-Standing



Charging head optional





GB/T

payment methodSwipe ccharging methodAutomatic chargDisplay methodEthNetworkingSupport State Grid, Cloud Quick CProtective functionShort circuit, over temperature, overInput voltageInput frequencynumber of gunsDutput voltage errorOutput voltage errorDutput voltage errorOutput voltage errorInput steady flow accuracyHarmonic contentInput steady flow accuracyefficiencyInput steady flow accuracy	120kW     160kW       250A     250A       0x750x550mm(W×H×D)     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password       ard, scan QR code, password     ard, scan QR code, password
Dimensions180payment method✓Charging method✓Display method✓NetworkingSupport State Grid, Cloud Quick CProtective functionShort circuit, over temperature, overInput voltage✓	0*750*550mm(W×H×D) ard, scan QR code, password ng, by time, by power, by amount, etc. 7-inch touch display ernet/4G (Speed Dating) narge, Xiaoju, Weijingyun and other cloud platforms r current, leakage, input over and under voltage, etc. AC380V±20% 50Hz±10%Hz
payment methodSwipe ofCharging methodAutomatic chargDisplay methodEthNetworkingSupport State Grid, Cloud Quick CProtective functionShort circuit, over temperature, overInput voltageInput frequency- input frequencyInput voltage rangeOutput voltage errorDistare grid from accuracyVoltage regulation accuracyInput voltageSteady flow accuracyInput voltageElectric energy meteringGradInsulation resistanceInput voltageNoiseInput voltageProtection classInput voltageAntiput restormentInput voltageSteady flow accuracyInput voltageSteady flow accuracyInput voltageRelative humidityInput voltageAntitudeInput voltageAltitudeInput voltageSteady flow accuracyInput voltageSteady flow accuracyInput voltageInput restanceInput voltage <td>ard, scan QR code, password ng, by time, by power, by amount, etc. 7-inch touch display ernet/4G (Speed Dating) narge, Xiaoju, Weijingyun and other cloud platforms r current, leakage, input over and under voltage, etc. AC380V±20% 50Hz±10%Hz</td>	ard, scan QR code, password ng, by time, by power, by amount, etc. 7-inch touch display ernet/4G (Speed Dating) narge, Xiaoju, Weijingyun and other cloud platforms r current, leakage, input over and under voltage, etc. AC380V±20% 50Hz±10%Hz
charging methodAutomatic chargDisplay methodEthNetworkingSupport State Grid, Cloud Quick CProtective functionShort circuit, over temperature, overInput voltageInput frequencyinput frequencyInput frequencynumber of gunsInput voltage errorOutput voltage errorInput voltage errorOutput voltage regulation accuracyInput frequencySteady flow accuracyInput frequencyElectric energy meteringGradInsulation resistanceInsulation resistanceUse environmentInsulation resistanceOperating temperatureInsulation resistanceRelative humidityAltitudeAltitudeInsulationAltitudeInsulationOutput coloureInsulationAltitudeInsulationInsulation resistanceInsulationInsulation resistanceInsulationInsulation resistanceInsulationInsulationInsulationAltitudeInsulation	ng, by time, by power, by amount, etc. 7-inch touch display ernet/4G (Speed Dating) narge, Xiaoju, Weijingyun and other cloud platforms r current, leakage, input over and under voltage, etc. AC380V±20% 50Hz±10%Hz
Display methodCNetworkingSupport State Grid, Cloud Quick CProtective functionShort circuit, over temperature, overInput voltageInput voltageinput frequencyInput frequencynumber of gunsInput voltage errorQuitput voltage errorInput voltage errorOutput voltage regulation accuracyInput frequencyVoltage regulation accuracyInput frequencyHarmonic contentInput frequencypower factorInput frequencyInsulation resistanceInput frequencyNoiseInput frequencyUse environmentInput frequencyCooling methodInput frequencyAltitudeInput voltage errorAltitudeInput voltage errorOutput voltage regulation accuracyInput frequencyInsulation resistanceInput frequencyInsulation resistanceInput frequencyInsulation resistanceInput frequencyInput frequencyInpu	7-inch touch display ernet/4G (Speed Dating) narge, Xiaoju, Weijingyun and other cloud platforms r current, leakage, input over and under voltage, etc. AC380V±20% 50Hz±10%Hz
NetworkingEthNetwork backgroundSupport State Grid, Cloud Quick CProtective functionShort circuit, over temperature, overInput voltageInput frequencyinput frequencyInput frequencygun line lengthStarOutput voltage errorInput current errorOutput current errorInput frequencySteady flow accuracyInput frequencyFrequencyInput current errorOutput current errorInput frequencySteady flow accuracyInput frequencyFrequencyInput current errorOutput current errorInput frequencyVoltage regulation accuracyInput frequencySteady flow accuracyInput frequencyProtection classInput frequencyInsulation resistanceInput frequencyUse environmentInput frequencyCooling methodInput frequencyRelative humidityInput frequencyAltitudeInput frequency	ernet/4G (Speed Dating) narge, Xiaoju, Weijingyun and other cloud platforms r current, leakage, input over and under voltage, etc. AC380V±20% 50Hz±10%Hz
Network backgroundSupport State Grid, Cloud Quick CProtective functionShort circuit, over temperature, overInput voltageInput frequencyinput frequencyInput frequencynumber of gunsInput voltage rangeOutput voltage errorInput toultage errorOutput voltage regulation accuracyInput voltage regulation accuracySteady flow accuracyInput frequencyHarmonic contentInput voltage regulation resistanceInsulation resistanceInput voltageProtection classInput voltageUse environmentInput voltageCooling methodInput voltageOperating temperatureInput voltageAltitudeInput voltage	narge, Xiaoju, Weijingyun and other cloud platforms r current, leakage, input over and under voltage, etc. AC380V±20% 50Hz±10%Hz
Protective functionShort circuit, over temperature, over Input voltageInput voltage	r current, leakage, input over and under voltage, etc. AC380V±20% 50Hz±10%Hz
Input voltageinput frequencynumber of gunsgun line lengthOutput voltage rangeOutput voltage errorOutput voltage errorOutput current errorVoltage regulation accuracySteady flow accuracyHarmonic contentpower factorefficiencyElectric energy meteringInsulation resistanceNoiseProtection classUse environmentcooling methodOperating temperatureRelative humidityAltitudeAltitude	AC380V±20% 50Hz±10%Hz
input frequencyImage: Starnumber of gunsStargun line lengthStarOutput voltage rangeDOutput voltage errorDOutput current errorDVoltage regulation accuracySteady flow accuracySteady flow accuracySteady flow accuracyHarmonic contentSteady flow accuracyElectric energy meteringGradInsulation resistanceSteady flow accuracyProtection classSteady flow accuracyGradSteady flow accuracyElectric energy meteringGradInsulation resistanceSteady flow accuracySteady flow accuracySteady flow accuracyAltitudeSteady flow accuracyAltitudeSteady flow accuracyAltitudeSteady flow accuracySteady f	50Hz±10%Hz
number of gunsStargun line lengthStarOutput voltage rangeDOutput voltage errorDOutput current errorDVoltage regulation accuracySteady flow accuracySteady flow accuracySteady flow accuracyHarmonic contentSteady flow accuracyPower factorSteady flow accuracyElectric energy meteringGradInsulation resistanceSteady flow accuracyProtection classSteady flow accuracyGradSteady flow accuracyAltitudeSteady flow accuracyAltitudeSteady flow accuracyAltitudeSteady flow accuracyAltitudeSteady flow accuracySteady flow accuracySto	
gun line lengthStarOutput voltage rangeDOutput voltage errorDOutput current errorDVoltage regulation accuracyDSteady flow accuracyDHarmonic contentDpower factorDefficiencyGradInsulation resistanceDNoiseDProtection classDUse environmentDcooling methodDOperating temperatureIRelative humidityIAltitudeIInsulationIInsulationIInsulation factorIInsulation resistanceIInsulation resistance </td <td>double gun</td>	double gun
Output voltage rangeDOutput voltage errorImage: Comparison of the second of	
Output voltage errorImage: constraint of the sector of the se	dard 5 meters (optional)
Output current errorVoltage regulation accuracySteady flow accuracyHarmonic contentpower factorefficiencyElectric energy meteringInsulation resistancenoiseProtection classUse environmentcooling methodOperating temperaturestorage temperatureRelative humidityAltitude	C150-750V adjustable
Voltage regulation accuracySteady flow accuracyHarmonic contentpower factorefficiencyefficiencyElectric energy meteringInsulation resistancenoiseProtection classUse environmentcooling methodOperating temperaturestorage temperatureRelative humidityAltitude	≤±0.5%
Steady flow accuracy         Harmonic content         power factor         efficiency         Electric energy metering         Insulation resistance         noise         Protection class         Use environment         cooling method         Operating temperature         storage temperature         Relative humidity         Altitude	≤±1%
Harmonic contentpower factorefficiencyefficiencyElectric energy meteringInsulation resistancenoiseProtection classUse environmentcooling methodOperating temperaturestorage temperatureRelative humidityAltitude	≤±0.5%
power factorefficiencyElectric energy meteringInsulation resistancenoiseProtection classUse environmentcooling methodOperating temperaturestorage temperatureRelative humidityAltitude	≤±1%
efficiencyImage: Constraint of the second of th	≤±5%
Electric energy meteringGradInsulation resistanceInsulation resistancenoiseInsulation resistanceProtection classInsulation resistanceUse environmentInsulation resistanceCooling methodInsulation resistanceOperating temperatureInsulation resistanceStorage temperatureInsulation resistanceRelative humidityInsulation resistanceAltitudeInsulation resistance	≥0.99
Insulation resistancenoiseProtection classUse environmentcooling methodOperating temperaturestorage temperatureRelative humidityAltitude	≥95%
noiseProtection classUse environmentcooling methodOperating temperaturestorage temperatureRelative humidityAltitude	e 1.0 meets GB standard
Protection class       Use environment       cooling method       Operating temperature       storage temperature       Relative humidity       Altitude	≥100M <b>Ω</b>
Use environment     Image: Cooling method       Cooling method     Image: Cooling method       Operating temperature     Image: Cooling method       storage temperature     Image: Cooling method       Relative humidity     Image: Cooling method       Altitude     Image: Cooling method	≤65dB
cooling method     Image: Cooling method       Operating temperature     Image: Cooling method       storage temperature     Image: Cooling method       Relative humidity     Image: Cooling method       Altitude     Image: Cooling method	IP54
Operating temperature     Image: Comparison of the compari	outdoor or indoor
storage temperature       Relative humidity       Altitude	air cooling
Relative humidity	-20°C~+50°C
Altitude	-40°C~+70°C
	5%~95%
Installation method	≤2000m
	Floor installation