

AIR-COOLED CHARGING PILE SERIES

FLEXIBLE DISTRIBUTION FUNCTION
FLEXIBLE POWER ALLOCATION IMPROVES ELECTRICITY SALES RATE
AND MODULE UTILIZATION EFFICIENCY

EFFICIENT FLEXIBLE ALGORITHM

MULTI-GUN FAST CHARGE
FULL POWER INSTANT DEPARTURE



Safe and reliable with multiple safety protections:
undervoltage, overvoltage, overcurrent, short circuit,
lightning protection, over-temperature, emergency stop,
GRRU RSHQ FKDUJLQJ FXW RB DQG RWKHU VDI
HJXDUGV C

JOH[LEOH DQG HCFLHQW DOORFDWLRQ D
OJRULWKP ZLWK
DGMXVWDEOH VFKHGXLQJ ,W HBFHWLY
HO\ LPSURYHV power sales rate and module
utilization, with
PRGXOH HCFLHQF\ XS WR

High Protection Grade for Multiple
Scenarios
Adopts IP54 industrial-grade protection,
suitable for most working environ-
PHQWV

Flexible Terminal Matching
It can be freely matched with ultra-fast charging and
fast charging terminals, as well as single-gun and
GXDO JXQ WHUPLQDOV AH[LEO\

Multi-gun simultaneous charging for single vehicle
Supports dual-gun parallel charging and multi-gun
VLPXOWDQHRXV FKDUJLQJ IRU RQH YHKLFOH

Supports liquid-cooled ultra-fast charging
function, compatible with 400-600A
OLTXLG FRROHG XOWUD IDVW FKDUJ
LQJ

The multi-gun group charging
system supports 4/6/8/10/12 output
channels and allows 12 guns to
RSHUDWH RQOLQH VLPXOWDQHR
XVO\

Modular Design Feature
The power distribution unit adopts a modular
structure, enabling convenient, simple and
HCFLHQW PDLQWHQDQFH

Rectifier Cabinet Technical Parameter Table

Model	RHAD480K-8-EU	RHAD600K-10-EU	RHAD720K-12-EU	RHAD800K-12-EU
Rated Power	480kW	600kW	720kW	800kW
Output circuit	8 channels	10 channels	12 channels	12 channels
Dimensions (W×H×D mm)	1700×800×2100mm			
Input voltage	AC400V±15%			
Input Frequency	50Hz±10%			
Output Voltage Range	DC200 ~ 1000V			
Maximum Output Current Per Channel	250A-400A (optional)			
Constant Power Output Voltage Range	DC300-1000V			
Peak efficiency	≥95% (50%-100% full load output			
Power factor	≥0.99 (50%-100% full load output power)			
Steady Voltage Accuracy	≤±0.5%			
Steady Current Accuracy	±1% (output load range: 20%-100%)			
Current Imbalance Accuracy	≤±5%			
Ripple Peak-To-Peak	≤1%			
ITHD	≤5% (50%-100%full load output power)			
Insulation Resistance	≥20MΩ			
Noise	II level			
Cooling Method	Air blast cooling			
Terminal Cabinet Communication	CAN communication			
Mode IP Rating	IP54			
Operating Environment	Outdoor/Indoor			
Operating Temperature	-40℃-50℃			
Storage Temperature	- 40℃~ + 70℃			
Relative Humidity	5%~95%			
Altitude	≤2000m			
Installation Method	On-site installation			

Technical Parameter Table for Fast-Charging Terminal Cables

Model	RH300S/01-EU	RH300S/02-EU	RH350S/01-EU	RH350S/02-EU
Number of Guns	Single gun	Double Guns	Single gun	Double Guns
Maximum output current per gun	300A		350A	
Output Voltage Range	DC200 ~ 1000V			
Constant power output voltage range	DC300-1000V			
Gun barrel length	5m(option)			
Supplementary Source	12V			
Electricity Metering	Accuracy1.0			
Human-computer interaction	7"Touch LCD Screen			
Charging Mode	Auto-recharge, by time, by battery level, by amount			
Starting mode	RFID Card,Plug&Play,QR of APP			
Defensive function	Short Circuit Protection Over Load Protection Over Temperature Protection Leakage Protection Over and Under Input Voltage Protection			
OCPP	OCPP1.6J			
Insulation resistance	≥20MΩ			
Communication mode	CAN2.0			
Network Connection Method	LAN 4G (option)			
Levels of protection	IP54			
Running temperature	-40°C-50°C			
Storage Temperature	-40°C~ + 70°C			
Relative humidity	5%~95%			
Altitude	≤2000m			
Installation Method	Floor-stand			
External Dimensions (W*D*H)	500×240×1600mm			

Technical Parameter Table for Super-Charging Terminal Cabinets

Item	Index	
Model	RHDC500K/CJ-EU	RHDC600K/CJ-EU
Max Output Power	500kW	600kW
Output Voltage Range	DC200 ~ 1000V	
Constant Power Output Voltage Range	DC300-1000V	
Auxiliary Power	12V	
Electricity Metering	Precision 2.0	
Display Mode	7-inch touch display with LED backlighting	
Charging Mode	Auto top up, by time, by power, by amount	
Start Mode	Card, QR code, password, VIN	
Protection Function	short circuit, over temperature, over current, leakage current, over low voltage, etc.	
Cable Length	5 meters	
Insulation Resistance	≥20MΩ	
Communication Mode with Rectifier Cabinet	CAN communication	
Networking Mode	Ethernet, 4G full network coverage	
IP Rating	IP54	
Operating Temperature	-40°C-50°C	
Storage Temperature	- 40°C~ + 70°C	
Relative Humidity	5%~95%	
Altitude	≤2000m	
Installation Method	On-site installation	
Dimensions of Super Charging Terminal (W×D×H)	600mm×300mm×1620mm	



SIMPLE CHARGING
LEADING THE FUTURE
FLEXIBLE ALLOCATION
ADAPTIVE FAST CHARGING



LIQUID-COOLED CHARGING STACK SERIES

SUPPORTS MIXED CHARGING GUN COMBINATIONS OF GB, EU AND US
STANDARDS COMPATIBLE WITH MAINSTREAM VEHICLE MODELS IN
EUROPE, NORTH AMERICA AND ASIA

SUPPORTS MIXED MULTI-
GUN MATCHING

SWIFT POWER
SILENT FUTURE



(CFLHQW AH[LEOH DOJRULWKP DQG AH[
LEOH
DOORFDWLRQ IXQFWLRQ HQDEOH AH[LE
OH VFKHGXD-
LQJ WR FRRVW SRZHU VDOHV UDWK
D
X



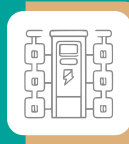
HCFHQF\ KLJK FXUUHQW \$
OHFWV \$ DQG
KLJK SRZHU GHPDQGV WR FXW
FKDUJLQJ WLPK



JXQ VLPXOWDQHRXV PX
OWL JXQ
FOXVWHU FKDUJLQJ V\ VWHP
VXSSRUWV
GXDO FDELQHW SDUDOOHO
FRQQHFWRQ
HQDEOLQJ FKDUJLQJ JXQ
V WR
RSHUDWH RQOLQH DW WKH
VDPH WLPK



/RZ QRLVH VSOLW GHVLQJ HBFWLYHO\
UHGXFHV QRLVH



Safe and Reliable with Multiple
6DIHW\ 3URWHFWLRQV 8QGHUY
ROWDJH
2YHUYROWDJH 2YHUFXUUHQW
6KRUW
&LUFXLW /LJKWLOQJ 3URWHFWLR
Q
2YHU WHPSHUDWXUH (PHUJHQF\
6WRS
7ZR JXQ VLPXOWDQHRXV FKDUJLQJ 8XOWR JXQ
SDUDOOHO FKDUJLQJ IRU VLOJQH YHKLFQH



Rectifier Cabinet Technical Parameter Table

Model		RHAD720K-12YL-EU
Input	Power Supply	3P+N+PE
	Input Voltage	400V AC±15%
	Input Frequency	50/60 Hz 720kW
Output	Rated Power	1000V DC
	Rated Voltage	200-1000V DC
	Voltage Range	300-1000V DC
	Constant Power Output Voltage	≥95%（50% ~ 100%
	Range Peak Efficiency	Load）≤±1%
	Steady Current Accuracy	≤±0.5% 12
	Steady Voltage Accuracy	LED（Green、Blue、Red）
	PCS Of Gun Indicator	
User Interface		
	Safety	Short Circuit Protection Over Load Protection Over Temperature Protection Leakage Protection Over and Under Input Voltage Protection Over and Under Output Voltage Protection Protection Over-current Protection
Environment	Working Temperature	-40℃-50℃
	Storage Temperature	-40℃ ~ +70℃
	Relative Humidity	≤95%
	Work Altitude	≤2000m
	Environmental Conditions	Indoor or Outdoor
Others	Cooling Method	Liquid cooling
	Noise	II
	Ingress Protection	IP65
	Installation	Floor-stand
	Product Dimension	1950*1980*860mm(W*H*D)
	External Package	Wooden case

Echnical Parameter Table for Fast-Charging Terminal Cables

Model	RH300E/01-EU	RH300E/02-EU	RH350E/01-EU	RH350E/02-EU
Number of Guns	Single gun	Double Guns	Single gun	Double Guns
Maximum output current per gun	300A		350A	
Output Voltage Range	DC200 ~ 1000V			
Constant power output voltage range	DC300-1000V			
Gun barrel length	5m(option)			
Supplementary Source	12V			
Electricity Metering	Accuracy1.0			
Human-computer interaction	7"Touch LCD Screen			
Charging Mode	Auto-recharge, by time, by battery level, by amount			
Starting mode	RFID Card,Plug&Play,QR of APP			
Defensive function	Short Circuit Protection Over Load Protection Over Temperature Protection Leakage Protection Over and Under Input Voltage Protection			
OCP	Protection OCP1.6J			
Insulation resistance	≥20MΩ			
Communication mode	CAN2.0			
Network Connection Method	LAN 4G (option)			
Levels of protection	IP55			
Running Temperature	-40℃-50℃			
Storage Temperature	-40℃~ + 70℃			
Relative humidity	5%~95%			
Altitude	≤2000m			
Installation Method	Floor-stand			
External Dimensions (W*D*H)	620×300×1707mm			

Technical Parameter Table for Super-Charging Terminal Cabinets

Model	RHC600E/01-EU	RHC600E/02-EU
Number of Guns	Single	Double
Maximum output current	600A	600A
Constant power output voltage range	600kW	600kW
Output Voltage Range	DC200 ~ 1000V	
Constant power output voltage range	DC300 ~ 1000V	
Supplementary Source	DC12V	
Electricity	interaction Charging Mode	
Metering Human-computer	Accuracy2.0	
	7"Touch LCD Screen	
Starting mode	RFID Card,Plug&Play,QR of APP	
Defencive function	Short Circuit Protection Over Load Protection Over Temperature Protection Leakage Protection Over and Under Input Voltage Protection	
Insulation resistance	≥20MΩ	
Communication mode	CAN2.0	
Network Connection Method	LAN 4G (option)	
Levels of protection	IP55	
Cooling-down method	Liquid cooling	
Cooling medium	Silicone oil	
Running temperature	-40℃-50℃	
Storage Temperature	-40℃~ + 70℃	
Relative humidity	5%~95%	
Altitude	≤2000m	
Installation Method	Floor-stand	
External Dimensions (W*D*H)	810mm×440mm×1707mm	



OUR
PARTNER

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UIF GVUVSF JT CFUUF

● **BLAUPUNKT**

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ELECTRIC

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EV TOOLS

Ladergy

YoCharge

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MONTA

SPECTRE

oneCHARGE

+EVesto

StarCharge | 星星充电

国家电网有限公司
STATE GRID
CORPORATION OF CHINA

CHINA TOWER
中国铁塔

YKC