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Product Matrix

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Product Matrix



30kW Series



80kW Series



160kW Series



240kW Series



Self-Developed Charging Module



480kW Series(Distributed charger)

30kW Series DC charger






Output Characteristic	Output Voltage	50-1000V(CCS2)
	Rated power	30kW (CCS2)
	Max Current	80A (CCS2)
	AC->DC Transaction	Power Modules
	Peak efficiency	96%
Input Characteristics	Input Voltage	AC 380±10%
	Frequency	50~60HZ
	Power Factor	> 0.99
	THDi	< 5%
	Grounding Type	TT, TN-CS, TN-S
User Interface	Screen	8 inch HD high-contrast touch screen
	Payment method	RFID reader /APP/Credit card (Payter)
Mechanical Dimensions	Protection level	IP55/IK10
	Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118, etc.
	Size	W700*D550*H200 mm
	Communication protocol	OCPP1.6J
Environmental Conditions	Operating temperature	-25 °C ~+65 °C (derating over 50°C)
	Humidity	5%~95% Rh non-condensing



Products

Integrated Charger



	Rated power	80kW (CCS2)	160kW (CCS2)	240kW (CCS2)
Output Characteristic	Output Voltage	200-1000V (CCS2) 200-500V (CHAdeMO)	200-1000V (CCS2) 200-500V (CHAdeMO)	200-1000V (CCS2) 200-500V (CHAdeMO)
	Cable Option	200A (CCS2) 125A (CHAdeMO)	300A (CCS2) 125A (CHAdeMO)	350A (CCS2) 125A (CHAdeMO)
	Peak efficiency	*80-240kW DC Charger, Cable Management is optional*		
		96% @half load rate		
Input Characteristics	Input Voltage	AC 400±10% (3P+N+PE)	AC 400±10% (3P+N+PE)	AC 400±10% (3P+N+PE)
	Frequency	50~60Hz	50~60Hz	50~60Hz
	Power Factor, THDi	> 0.99, < 5%	> 0.99, < 5%	> 0.99, < 5%
	Grounding Type	TT, TN-CS, TN-S		
Certification	Acquired			
	Coming soon		Eichrecht Model B Got	
Mechanical Dimensions	Size (W*D*H mm)	850*450*2030	1000*700*2000	850*750*2000
	Screen	15' HD touchscreen	15' HD touchscreen	15'' HD touchscreen
	Protection level	IP55, IK10		
	Standard and protocol	IEC 61851, IEC 62196 DIN70121, ISO15118 OCPP1.6, OCPP2.0.1		
Environmental Conditions	Operating temperature, Humidity, Altitude	-25 °C to +65 °C (derating over 50°C) 5%~95% <2000m		

Distributed charger 480 (CE)

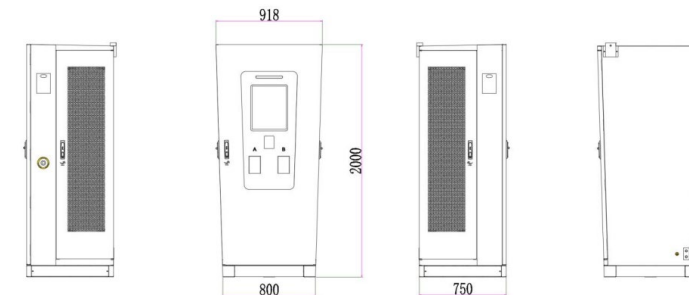


Output Characteristic	Output Voltage	200-1000V (CCS2) 200-500V (CHAdeMO)
	Rated power	360/480kW (CCS2)
	Cable Option	350A (CCS2) 500A liquid cooling (CCS2) 125A(CHAdeMO)
	AC->DC Transaction	100020K2C 20kW Modules
	Peak efficiency	96% @half load rate
Input Characteristics	Input Voltage	AC 400±10%
	Frequency	50~60HZ
	Power Factor	> 0.99
	THDi	< 5%
	Grounding Type	TT, TN-S
User Interface	Screen	15 inch HD high-contrast touchscreen
	Payment terminal	RFID reader (ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare 1, NFC)
Mechanical Dimensions	Protection level	IP55/IK10
	Standard	IEC 61851, IEC 62196
	Size	Power Bank: W1400*D1000*H2100 mm User Terminal: W750*D400*H2100 mm
	Communication protocol	OCPP1.6 / OCPP2.0.1(2024) DIN70121, ISO15118
Environmental Conditions	Operating temperature	-30 °C ~ +65 °C (derating over 50°C)
	Humidity	5%~95%
	Altitude	<2000m



Integrated charger 240

Output Characteristic	Output Voltage	200-1000V (CCS1) 200-500V (CHAdeMO)
	Rated power	160-240kW (CCS1)
	Cable Option	300A (CCS1) 125A (CHAdeMO)
	AC->DC Transaction	100040K3B 40kW Modules
	Peak efficiency	96% @half load rate
Input Characteristics	Input Voltage	AC 480±10% (3P+N+PE)
	Frequency	50~60Hz
	Power Factor	> 0.99
	THDi	< 5%
	Grounding Type	TT, TN-S
User Interface	Screen	15 inch HD high-contrast touchscreen
	Payment terminal	RFID reader (ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare 1, NFC)
Mechanical Dimensions	Protection level	IP55/IK10
	Standard	UL 2202, UL 2231
	Size	W(800~918)mm*D750mm*H2000mm
	Communication protocol	OCPP1.6 / OCPP2.0.1(2024) DIN70121, ISO15118
Environmental Conditions	Operating temperature	-25 °C ~+65 °C (derating over 50°C)
	Humidity	5%~95%
	Altitude	<2000m



Distributed charger 480



Output Characteristic	Output Voltage	0-1000V(CCS1) 200-500V(CHAdeMO)
	Rated power	480kW (CCS1)
	Max Current	300A (CCS1) 500A liquid cooling (CCS1) 125A (CHAdeMO)
	AC->DC Transaction	100040K3B 40kW Modules
	Peak efficiency	96% @half load rate
Input Characteristics	Input Voltage	AC 480±10%
	Frequency	50~60Hz
	Power Factor	> 0.99
	THDi	< 5%
	Grounding Type	TT, TN-S
User Interface	Screen	15 inch HD high-contrast touchscreen
	Payment terminal	RFID reader (ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare 1, NFC)
Mechanical Dimensions	Protection level	IP55/NEMA3R
	Standard	UL 2202, UL 2231
	Size	Power Bank: W1400*D1000*H2100 mm User Terminal: W450*D750*H2100 mm
	Communication protocol	OCPP1.6 / OCPP2.0.1(2024) DIN70121, ISO15118
Environmental Conditions	Operating temperature	-30 °C ~+65 °C (derating over 50°C)
	Humidity	5%~95%
	Altitude	<2000m



AC Charger(CE)

For residential use



Product Name	AC Charger - CE
Rated Power	7kW
Weight(Bare Mechine)	3.8kg
Cable Length	5m
Protection Rating	IP65/IK10
Certification	CE, TUV mark, TR25, RCM, UKCA
Communication Method	Bluetooth/Wi-Fi/
Charging Status	LED
User Authentication	Plug and Charge/RFID/APP
Meter	Onboard Metering Capabilities (Class B)
Software upgrate	USB/OCPP 1.6J/APP /Protal
Dimensions	L336*W299*D120mm
Working Temperature	-30°C~ +50°C
Operating Altitude	< 2000m
Color	Snow White
Noise	≤15dB
Installation	Floor-mounted/Wall-mounted
Grounding Scheme	TN-CS, TN-C, TN-S, TT
Input/Output current	32A
Input/Output current	Single phase 230V (±10%)
Frequency	50/60Hz
Humidity	5%—95%

