

XIAMEN JOINT TECH. CO., LTD.

JOINT TECH, BORN FOR SUSTAINABLE ENERGY

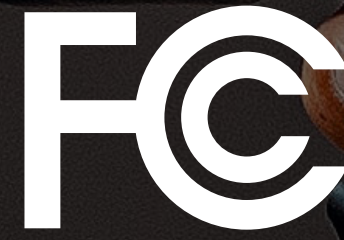
🌐 <https://jointcharger.com>

✉ info@jointcharger.com

📍 No.98, South Dongfu Road, Haicang District, Xiamen, China

EVD002 / DCFC

120/180KW



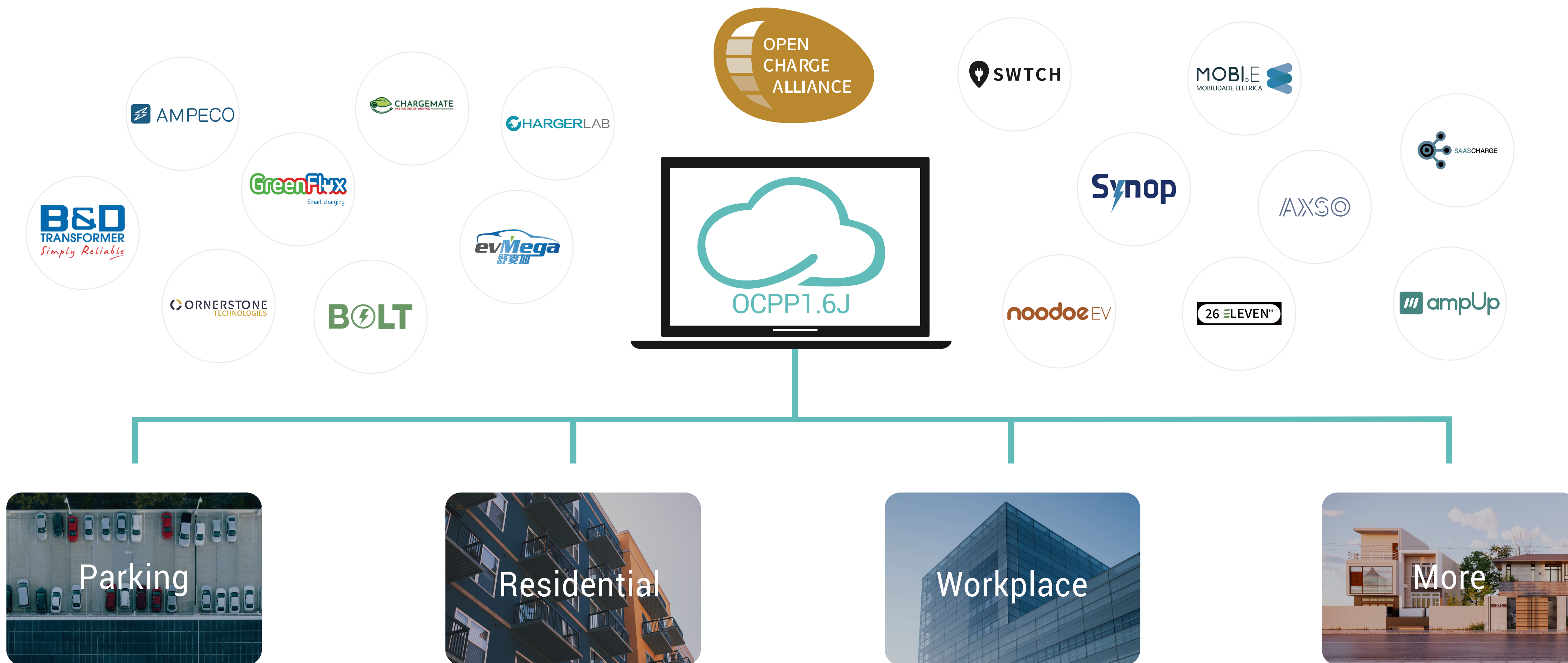
- Wider DC voltage range 400v to 1000v at 30KW constant output power per module, faster charging efficiency
- Charging standard developed from ISO15118 & DIN70121
- Manages the charger by OCPP1.6 function
- The DC power module is equipped with epoxy resin automatic injection to sustain the dusty and salty air tests to improve environmental adaptability
- NEMA 3S protection, IK10 vandal-proof enclosure and IK08 touch screen
- Simultaneous dual DC charging
- Optional integrated cable retractor
- Multilingual support for 10" colored touch LCD

DATASHEET

Model		EVD002/120U/201	EVD002/180U/201
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE	
	Input Voltage Range	480V (+10% ~ -15%)	
	Input Frequency	50 Hz or 60 Hz	
	AC Input Power @ 400V 60Hz	155A, 128kVA	235A, 192kVA
Output	Maximum Power	120kW	180kW
	Charging Outlet	1*CCS2 cable+1*NACS cable	
	Simultaneous Charges	2	
	Cable Maximum Current	200A	
	Cooling method	Air-cool	
	Cable Length	13ft	
	DC Output Voltage	150-1000 Vdc (Constant power from 400-1000Vdc)	
	Voltage accuracy	+/- 2%	
	Current accuracy	+/- 2%	
	Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection, DC leakage protection, grounding protection, overtemp protection	
Power Factor (Full Load)	≥0.99		
THDi	≤5%		
Efficiency (peak)	≥94%		
Standby Power	≤100W		
Short Circuit Current	10kA		
Pre-charge Current	<1A		
Leakage Current	0.8mA		
Energy Metering	Meter for DC outlet (exposure)		
USER INTERFACE			
User Interface	10" LCD high-contrast touchscreen		
Language System	English (Other languages available upon request)		
Local Authentication	Plug & Play / RFID / Credit Card (Optional)		
Emergency Button	Yes		
Internet Connectivity	Ethernet, LTE, Wi-Fi		
LIGHT CODES			
Standby Power	Solid Green		
Charging	Green Blinking		
Finished charging	Solid Green		
Fault	Solid Red		
ENVIRONMENTAL			
Operating Temperature	-31°F to +131°F (de-rating characteristic applies from 104 °F)		
Storage Temperature	-40°F to +158°F		
Humidity	< 95%, non-condensing		
Operating Altitude	Up to 6561 ft		
MECHANICAL			
IP/IK Rating	NEMA 3S and IK10 (cabinet) / IK08 (touchscreen)		
Operating noise level	≤65dB		
Cabinet Material	stainless 430 steel		
Screen Material	temper glass		
Packaging Material	wooden case		
Mounting	Wall-mount or pedestal stand		
Anti-theft lock design	Key lock		
Screen height from the ground	≤48inch		
Dimensions (D x W x H) mm	580*859*823mm		
Net Weight (kg)	304	338	
Warranty	24 months		
ACCORDING TO STANDARDS			
Safety	UL2202, UL2231-1, UL2231-2		
EMC	FCC 15 Class A		
Protocol	EV Communication	DIN 70121& ISO15118-2	
	Backend support	OCPP1.6 (Can be upgraded to OCPP 2.0.1 later)	
	DC connetor	SAE J1772, NACS	
	RFID Authentication	ISO14443 A/B	

OCPP 1.6J

Connected successfully with 50+ global EVC platforms



DIMENSIONS

