

XIAMEN JOINT TECH. CO., LTD.

JOINT TECH, BORN FOR SUSTAINABLE ENERGY

🌐 <https://jointcharging.com>

✉ info@jointcharging.com

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

EVD002 / DCFC

30/40/60KW



2 years
limited
warranty



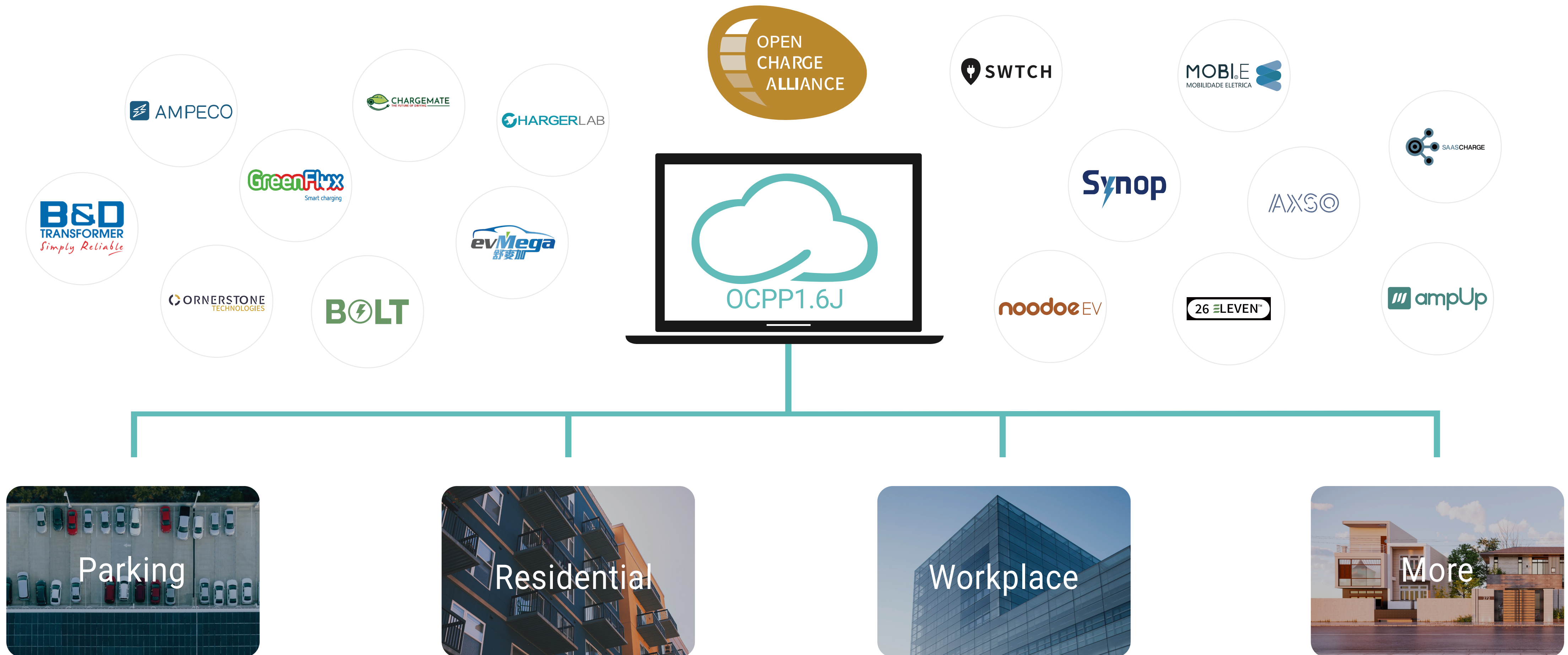
- Wider DC voltage range 400v to 1000v at 30KW constant output power per module, faster charging efficiency
- Charging standard developed from ISO15118/DIN70121
- Manages the charger by OCPP1.6 function
- The DC power module is equipped with epoxy resin automatic injection to sustain the dusty and salty air tests to improve environmental adaptability
- IP54 protection, IK10 vandal-proof enclosure and IK08 touch screen
- Simultaneous dual DC charging
- Multilingual support for 7" colored touch LCD

DATASHEET

Model No.		EVD002/30E	EVD002/40E	EVD002/60E
AC Input	AC Connection	3-Phase, L1, L2, L3, N, PE		
	Input Voltage Range	400V ± 10%		
	Input Frequency	50Hz or 60Hz		
	AC Input Power @ 400V 60Hz	48A, 33kVA	64A, 44kVA	96A, 66kVA
DC Output	Maximum Power	30kW	40kW	60kW
	Charging Outlet	1 * CCS2 cable	2 * CCS2 cable	2 * CCS2 cable
	Simultaneous Charges	1	2	2
	Cable Maximum Current	100A	120A	150A
	Cooling method	Air-cool		
	Cable Length	5M		
	DC Output Voltage	200-1000Vdc (Constant power from 400-1000Vdc)		
Protection	Overcurrent, overvoltage, undervoltage, integrated surge protection, DC leakage protection, grounding protection, overtemp protection			
Power Factor (Full Load)	≥ 0.98	≥ 0.98	≥ 0.98	≥ 0.99
THDi		≤ 5%		
Efficiency (peak)	≥ 94%	≥ 94%	≥ 94%	≥ 94%
Standby Power		< 35W		
Short Circuit Current		10kA		
Pre-charge Current		< 1A		
Energy Metering		Meter for DC outlet		
USER INTERFACE				
User Interface	7" LCD high-contrast touchscreen			
Language System	English (Other languages available upon request)			
Local Authentication	Plug&Play / RFID / QR code / Credit Card (Optional)			
Emergency Button	Yes			
Internet Connectivity	Ethernet, 4G, Wi-Fi			
Light Codes				
Standby Power	Solid Green			
Charging	Green Blinking			
Finished charging	Solid Green			
Fault	Solid Red			
Environmental				
Operating Temperature	-35°C to +55°C			
Storage Temperature	-40°C to +70°C			
Humidity	< 95%, non-condensing			
Operating Altitude	Up to 2000m			
Mechanical				
IP/IK Rating	IP54 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	≤ 1300mm			
Mounting auxiliary handle	Yes			
Dimensions (D x W x H) mm	D850*W348*H1650			
Warranty	24 months			
ACCORDING TO STANDARDS				
Safety	IEC 61851-1, IEC 61851-23			
EMC	IEC 61851-21-2			
Protocol	EV Communication	IEC 61851-24, DIN 70121 & ISO15118		
	Backend support	OCPP 1.6 (Can be upgraded to OCPP 2.0.1 later)		
	DC connetor	IEC 62196-3		
	RFID Authentication	ISO 14443 A / B		

OCPP 1.6J

Connected successfully with 50+ global EVC platforms



DIMENSIONS

