

# V2G AC Charger 7kW, Wall-Mounted

📄 Datasheet

2025



Intertek



✓ Reliable

Product  
Reliability

99%

✓ Cloud Enabled

Monitoring  
& Assistance

24/7







✓ Built To Last

Service  
Life

10Y

## Key Features

- ✓ Single tethered connector charging 7kW
- ✓ Supports dynamic load balancing and static load management
- ✓ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ✓ Integrated PME fault detection
- ✓ Single-phase connection
- ✓ App and RFID operated charging
- ✓ 3-year warranty with an optional 2-year extension
- ✓ Fully compliant with Smart Charge Points regulations for electric vehicles
- ✓ Approved for OZEV grant eligibility

 CHARGING MODE	Ac Input	220/240VAC	
	FLA / Breaker Rating	36A / 63A	
	Connector Options	Type 2	
	Output Power	7kW Single-phase	
	Charging Protocol	ISO 15118, DIN 70121	
	Length of Charging Cable	16 ft (5m)	
 DISCHARGING MODE	AC Input (V)	220 ~ 240VAC	
	AC Output (A)	36A Max	
	Output Power	7kW Single-phase	
	Discharging Protocol	ISO 15118-20	
 ENVIRONMENT	Operating Temperature	-4°F TO 131°F (-20°C ~ 55°C)	
	Protective Class	IP54	
 OTHER	Access Control	ISO II IEC 14443A/B	
	Dimension (W X D X H)	16.93" x 11.81" x 7.56" (430mm x 300mm x 192mm)	
	Weight	21.38 lbs (9.7 kg)	
	Display	5" Touch Screen	
	Communication	Ethernet, Wi-Fi, 4G	
	Interface protocol	OCPP 1.6J / 2.0 / 2.0.1	
 ELECTRICAL SAFETY	Protection	RCD Type B (with external RCBO Type A) Overvoltage and undervoltage protection Overcurrent protection Upstream protective conductor monitoring (optional) Output PE continuous continuity checking Surge protection: 4kV Output short circuit protection (External RCBO) Contactor welding monitoring Temperature monitoring 2pcs (optional)	
	Compliance	IEC/EN 61851-1:2017; IEC 61851-21-2:201 8 IEC 62196-1:2014; IEC 62196-2:2016 IEC 62955-2018; IEC 61439-7-201 8	
	Certificate	CE	
	 REGULATION		