

# V2G/V2X DC 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
- ✓ Remote software updates and diagnostics
- ✓ Seamless integration with OCPP 1.6J/2.0/2.0.1 protocol
- ✓ Supports multiple payment options — app, RFID, credit card, and smartphone payments
- ✓ Single-phase connection
- ✓ Rapid charging
- ✓ Supports multiple output options: CCS1, CCS2 and CHAdeMO
- ✓ 7" LCD Touch Screen
- ✓ 3-year warranty with an optional 2-year extension
- ✓ Approved for OZEV grant eligibility

 CHARGING MODE	AC Input	176 ~ 275VAC/50/60Hz, L/N,PE
	FLA II Breaker Rating	32A / 40A
	Connector Options	CCS2
	Maximum Power	7kW
	Output Voltage	200 ~ 1000VDC
	Output Current	0 ~ 23.3A
	Efficiency	≥ 94% at nominal output power
	Charging Protocol	ISO 15118, DIN 70121
 DISCHARGING MODE	Length of Charging Cable	16ft (5m)
	DC Input (V)	300 ~ 1000VDC
	AC Output (A)	31.8A Max
	AC Output (V)	220/230VAC (optional)
	Efficiency	≥ 94% at nominal output power
 ENVIRONMENT	Discharging Protocol	ISO 15118 - 20
	Operating Temperature	-4°F to 122°F (-20°C ~ 50°C)
 OTHER	Protective Class	IP54
	Access Control	ISO II IEC 14443A/B
	Dimension (W X D X H)	29.53" x 13.07" x 20.47 (750mm x 332mm x 520mm)
	Weight	176 lbs (80 kg)
	Display	7" Touch Screen
	Communication	Ethernet, Wi-Fi, 4G
	Interface Protocol	OCPP 1.6J/2.0/2.0.1
 ELECTRICAL SAFETY	AC Port Protection	OVP (optional), UVP (optional), OCP, OPP, SPD, OFP, UFP, Anti-Islanding Protection
	DC Port Protection	OCP, OVP, UVP, OTP, SCP, IMD
 REGULATIONS	Compliance	IEC 61851-1, IEC 61851-23
	Certificate	CE