

30A Single and Dual AC Charger: LEV2 Series



TELLUS OF AMERICA

- Charge: Passenger EV
- Efficient: Energy Star Certified
- Easy to Repair: Reduced downtime
- Rust Proof, 6061 Aluminum: Protect Investment
- OCPP 1.6 Protocol: Compatible with most EVSP
- Efficient data transfer: Reduces data fees
- EVSE Module: Minimizes troubleshooting
- No Bollards Required: Reduces Install Cost*

* Check with AHJ



Parameter	LEV2-A-30-240-0001 - Single Port	LEV2-A-30-240-0002 - Dual Port
AC Power Input	208-240VAC 60Hz., single phase @ 40A x 1	208-240VAC 60Hz., single phase @ 40A x 2
Power Connections	Requires Single 40A branch circuits	Requires 2 Independent 40A branch circuits
Required Breaker Panel	1 ea. 40A Dual pole breaker (non GFCI type)	2 ea. 40A Dual pole breaker (non GFCI type)
Output Current	30A Continuous x 1	30A Continuous x 2
Station Power Output	7.2kW Max (208-240VAC @ 40A)	7.2kW Max (208-240VAC @ 40A) each port
Wiring	1 ea. 208-240 VAC and shared Earth/GND	2 ea. 208-240 VAC and shared Earth/GND
EV Charging Connector	SAE J1772	
EV Charging Cable	18' Long	
Onboard Controls	Back lit soft-touch numeric keypad	
Display	3.5" Back lit LCD monochrome (non-reflective, heated, UV coated with light sensor)	
Network Connectivity	LAN: Cat 5 for master/slave stations. WAN: Cellular network for the master station	
RFID Reader	Active multi-standard	
Data Inputs/Outputs	RJ45 x 2 (CAT-5 Ethernet cable connects Gateway station to Non-Gateway station)	
Construction	Housing: 6061-T6, 1/4" aluminum; Head: Polycarbonate plastic	
Housing Color	Gray	
Enclosure Rating	NEMA 3R	
Operating Temperature	-30° to +130°F (-35° to +55°C)	
Operating Humidity	Up to 95% non-condensing	
Terminal Block Temp. Rating	212°F (100°C)	
Plug Out Protection	Power cut-off per SAE J17712TM specifications	
Ground Fault Protection	20mA CCID20 with 3 auto retry	
Open Safety Ground Protection	Monitors safety (green wire) ground connection	
Surge Protection	6kV@3000A (additional protection at panel advised)	
Power Metering Accuracy	2% -/+ Accuracy	
Power Report/Store Interval	15-minute, aligned to hour	
Grid Health Protection	Line voltage & frequency detection logging	
Regulatory Compliance	UL2231-1, UL2231-2, UL2594, UL 991, NEC Article 625, Energy Star Rated	
Weight	Pole Model: 30 lbs., Wall Model: 30 lbs., Pedestal: 73 lbs	
Environmental Data	Housing: RoHS compliant major components	
Dimensions	Pole/Wall Mount: 54" H X 7" W. Pedestal Mount: 70" H X 7" W.	
Base Pad Size	12" x 12" x 12" (Pedestal Mount Only)	
Warranty	2-Year - Parts Only	