



ELECTROLINK
CHARGERS

EV Charger Product Specifications



ELECTROLINK
CHARGERS

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Pedestal Wall Mount AC Chargers

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ELECTROLINK WALL MOUNT AC CHARGERS

19.2kW Model | 80Amps | J1772 Connector



Electrolink
AC Charger
Specifications

Rated Power	19.2kW
Model #	TP - EVVA - 80A
Product #	TP2W - 80 - 220 - J1
Input / Output voltage	208VAC - 240VAC, 60 / 50 Hz 80A continuous load with 100A branch circuit
Breaker	100A
Connectors	Single
Output Current	80 A
Weight	~35 lbs. (charger) ~8 lbs. (cable)
Working Temperature	- 22 deg F to 131 deg F / - 30 deg C to 55 deg C
Relative Humidity	5% to 95% Non - Condensing
Altitude	≤ 3000m
IP Rating	IP54
Connector Standard	SAE J1772 (16' Standard / 24' Optional)
RFID system	ISO/IEC 14443 A/B
Communication Protocol	OCPP 1.6J
Internet	Ethernet (Standard), 4G (Optional)
Meter Accuracy	1%
User interface	5" Touch Screen
Installation Type	Wall Mount
Material	Galvanized steel
Dimensions	12" x 17" x 7" (L x H x D)
Compliance standard	EN 61851 - 1:2011, EN 61000 - 6- 1:2007, EN 61000 - 6- 3:2007/A1:2011/AC:2012
Certification	ETL, UL 2594
Safety	Over Current, Short Circuit , Surge Protection, Leakage Current Protection
Additional Information	Pedestal – Optional / Mounting Bracket & Holster are standard accessories



ELECTROLINK WALL MOUNT AC CHARGERS

12 kW Model | 50Amps | J1772 Dual Connector



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AC Charger
Specifications

Rated Power	2 x 12kW
Product #	TP2W-50-220-J2
Input / Output voltage	208VAC - 240VAC, 60 / 50 Hz
Breaker	2 x 63A
Connectors	Dual
Output Current	Max 50A per Connector
Weight	~40 lbs. (charger) ~16 lbs. (cable)
Working Temperature	-30°C to 55°C
Relative Humidity	5% to 95% Non-Condensing
Altitude	≤ 3000m
IP Rating	NEMA 3R
Connector Standard	SAE J1772 (16' Standard / 24' Optional)
RFID system	ISO/IEC 14443 A/B
Communication Protocol	OCPP 1.6J
Internet	Ethernet (Standard), 4G (Optional)
Meter Accuracy	1%
User interface	5" Touch Screen
Installation Type	Wall Mount
Material	Galvanized steel
Dimensions	12" x 17" x 7" (L x H x D)
Compliance standard	EN 61851-1:2011, EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
Certification	CE, ETL (UL-2594, CAN/CSA-C22.2 No. 280)
Safety	Over Current, Short Circuit , Surge Protection, Leakage Current Protection
Additional Information	Pedestal – Optional / Mounting Bracket & Holster are standard accessories



ELECTROLINK WALL MOUNT AC CHARGERS

19 kW Station | 80Amps | J1772 Dual Connector
Model # TP-EVVA-80A



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AC Charger
Specifications

Rated Power	2 x 19kW
Part #	TP2W-80-220-J2
Input / Output voltage	208VAC - 240VAC, 60 / 50 Hz
Breaker	2 x 100A (2 Independent Circuits)
Connectors	Dual
Output Current	Max 80A per Connector
Weight	~40 lbs. (charger) ~16 lbs. (cable)
Working Temperature	-30°C to 55°C
Relative Humidity	5% to 95% Non-Condensing
Altitude	≤ 3000m
IP Rating	NEMA 3R
Connector Standard	SAE J1772 (16' Standard / 24' Optional)
RFID system	ISO/IEC 14443 A/B
Communication Protocol	OCPP 1.6J
Internet	Ethernet and 4G
Meter Accuracy	1%
User interface	5" Touch Screen
Installation Type	Wall Mount
Material	Galvanized steel
Dimensions	12" x 17" x 7" (L x H x D)
Compliance standard	EN 61851-1:2011, EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
Certification	CE, ETL
Safety	Over Current, Short Circuit , Surge Protection, Leakage Current Protection
Additional Information	Pedestal – Optional / Mounting Bracket & Holster are standard accessories



ELECTROLINK

CHARGERS

ELECTROLINK DC Fast Charger 60 kW Charging Station

FEATURES

- Powerful Compact All-In-One DC Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature
- Output Voltage of 1000VDC
- OCPP 1.6J
- Credit Card Reader
- Cord Management

Model : TP -EVPD -60kW



Electrolink
DC Fast Charger
Specifications



Product #	TP5-60-480
Model #	TP-EVPD-60KW
Input	480VAC (3P+N+PE) 60Hz
Output Voltage	200 - 1000VDC
Output current	0 to 150A
FLA Breaker Rating	80A 100A
Connectors	CCS1 / NACS / CHAdeMO (Dual Connector)
Cyclic Charge Mode	CCS1 / NACS - 150A CHAdeMO – 125A
Parallel Charge Mode	30 kW per Port
Efficiency	≥94% at nominal output power
Power factor	> 0.98
Display	10" touch screen
Access Control	RFID : ISO/IEC 14443A/B Credit Card Reader (Optional)
Metering	DC kWh meter per each connector
Operating temperature	-22°F to 131°F (-30°C to 55°C)
Altitude	6500' (2000m)
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
Dimensions (L x D x H)	29" x 19" x 72"
Protective Class	NEMA 3S (IP54), IK10
Cooling system	Air cooling fans
Weight	617 lbs (280kgs)
Compliance	UL and CE Certified
DC Charge System	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0
Charging cable	16ft (5m), Cable Retractor Included
Communication Protocol	Ethernet, 4G/WiFi OCPP 1.6J
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop Button Disables Output Power
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012



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CHARGERS

ELECTROLINK DC Fast Charger 160kW Charging Station

FEATURES

- DCFC and HPC System with 1000VDC
- Powerful Compact All-In-One Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature
- Liquid Cooled Cables (Optional)
- OCPP 1.6
- Credit Card Reader
- Cord Management

Model : TP-EVPD-160kW



Electrolink
DC Fast Charger
Specifications



Product Number	TP5-160-480	HPC-160-480
Model #	TP-EVPD-160kW	
Input Voltage	480V (3P + N + PE), 60Hz	
Output Voltage	150–1000 VDC	
FLA Breaker Rating	215A 300A	
Power Factor	>0.98	
Efficiency	>94% at nominal output power	
Connector Options	CCS1 and CCS1 CCS1 and CHAdeMO	CCS1 and CCS1 CCS and CHAdeMO
CHAdeMO Cable	125A (Standard) Or 200A	
CCS Cable	300A	400A Liquid Cooled
Charging Protocol Standards	Mode 4, IEC-61851, ISO-15118, DIN 70121 Mode 4, CHAdeMO 0.9, 1.0	
Connector cable length	CCS – 16ft (5m) CHAdeMO – 16ft (5m)	CCS – 13ft (4m) CHAdeMO– 16ft (5m)
Cable Management	Included	Included
Weight	880 lbs (400 kg)	1221 lbs (550 kg)
Dimensions (L x D x H)	29.5" x 26.5" x 73"	33.4" x 33.8" x 81.3'
Insulation (input – output)	>2.5 kV	
Ingress Protection	NEMA 3S (IP54), IK10	
Operating Temperature	-22°F to 131°F (-30°C to 55°C)	
Altitude	< 6600ft (2000m)	
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)	
Display	10" touch screen	
Communication Protocol	Ethernet, 4G/WiFi OCPP 1.6J	
Access Control	RFID : ISO/IEC 14443A/B Credit Card Reader (Optional)	
Metering	DC kWh meter per each connector	
Power Electronics Cooling	Air Cooled	
Electrical Safety: GFCI	RCD 20 mA Type A	
Electrical Safety: Surge Protection	20 kA	
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground	
Electrical Safety: Output Short	Output power disabled when output is short circuited	
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics	
Emergency Stop	Disables output power with emergency stop button	
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012	



ELECTROLINK

CHARGERS

ELECTROLINK DC Fast Charger 120kW Charging Station

FEATURES

- Powerful Compact All-In-One DC Charger
- Simple Air-Cooled Power Modules
- Easy to Maintain
- Parallel Charging Feature
- Output Voltage of 1000VDC
- OCPP 1.6J
- Credit Card Reader
- Cord Management

Model : TP-EVPD-120kW



Electrolink
DC Fast Charger
Specifications



Product #	TP5-120-480
Model #	TP-EVPD-120
Input	480VAC (3P+N+PE), 60Hz
Output Voltage	150-1000VDC
Output Current	0 to 300A
FLA Breaker Rating	160A 200A
Connectors	CCS1 and CCS1 CCS1 and CHAdeMO
Cyclic Charge Mode	CCS1 - 200 A CCS1 - 300 A (Optional) CHAdeMO – 125 A
Efficiency	≥94% at nominal output power
Power factor	> 0.98
Operating Temperature	-22°F to 131°F (-30°C to 55°C)
Altitude	< 6600' (2000m)
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
Weight	793 lbs (360kg)
Display	10" touch screen
Access Control	RFID : ISO/IEC 14443A/B Credit Card Reader (Optional)
Dimensions (L x D x H)	29" x 26.5" x 72"
Protective Class	NEMA 3S (IP54), IK10
Power Electronics Cooling	Air Cooling
Charging Protocol Standards	Mode 4 - IEC-61851, ISO-15118, DIN 70121 Mode 4 - CHAdeMO 0.9, 1.0
Metering	DC kWh meter per each connector
Charging cable	16ft (5m), Cable Retractor Included
Communication Protocol	Ethernet, 4G/WiFi OCPP 1.6J
Insulation (input-output)	>2.5 kV
Electrical Safety: GFCI	RCD 20 mA Type A
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop Button Disables Output Power
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012



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CHARGERS

ELECTROLINK
DC Fast Charger
30kW Wall Mount
DC Fast Charging Station

Model: TP-EVPD 30kW



Electrolink
DC Fast Charger
Specifications



Product #	TP5-30-480
Model #	TP-EVPD-30kW
Input Voltage	480VAC (3P+N+PE), 60Hz
FLA / Breaker	40A / 50A
Output Voltage	150 to 1000VDC
Output Current	0 to 100A
Connector(s)	CCS1 or CHAdeMO
Efficiency	≥94% at nominal output power
Power Factor	> 0.98
Operating Temperature	22°F to 131°F (-30°C to 55°C)
Working Storage humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
Altitude	< 6600ft (2000m)
Display	7" LCD with touch screen
RFID system	ISO IEC 14443A/B
Dimensions (l x d x h)	21" x 12" x 27"
Protective Class	NEMA 3S, IK 10
Cooling System	Air cooled
Weight	176 lbs (80kg)
Charging Protocol	Mode 4, IEC-61851, ISO-15118, DIN SPEC 70121
	Mode 4, CHAdeMO 0.9, 1.0
Length of charging cable	16ft (5m)
Interface protocol	OCPP 1.6J
Communication	Ethernet / 4G Wi-Fi
Electrical Safety: GFCI	RCD 20 mA Type A (UL)
Electrical Safety: Surge Protection	20 kA
Electrical Safety General	Over Voltage, Under Voltage, Over Current, Missing Ground
Electrical Safety: Output Short	Output power disabled when output is short circuited
Electrical Safety Temperature	Temperature Sensors @ Charge Coupler and Power Electronics
Emergency Stop	Emergency Stop Button Disables Output Power
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012



ELECTROLINK

CHARGERS



Pedestal Wall Mount AC Chargers

DC Fast Charging Station

7.2kW – 14.4kW Models

FEATURES

- Made to last with rugged ¼" aircraft-grade and marine-grade aluminum
- RFID reader and built-in numeric keypad for secure pin number authorization
- Field-Swappable Modular Components
- Full Line of Products: Pedestal Mount, Pole Mount, Wall Mount
- OCPP 1.6J
- UL, CTEP Certified

Electrolink
DC Fast Charger
Specifications



AC Power Input	208-240VAC 60Hz, single phase @ 30A x 2
Power Connections	Dual Port Level 2, Level 2: (2) Independent 40A branch circuits
Required Breaker Panel	(2) 40A Dual pole breaker (non GFCI type) per port
Output Current	30A Continuous x 2
Station Power Output	7.2kW Max for each port
Wiring	(2) 208-240 VAC and shared Earth/Ground. Total 5 wires
EV Charging Connector	SAE J1772TM (Level 2)
EV Charging Cable	16' Long
Onboard Controls	Back lit soft-touch numeric keypad
Display	3.5" Back lit LCD monochrome (non-reflective, heated UV coated, with auto ambient light sensor)
Network Connectivity	LAN: hard wired Cat 5 for master/slave stations. WAN: 4G 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: 1/4" aluminum; Base Pad 1/2" Aluminum; End Caps: 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	1% -/+ Accuracy
Data Communication	OCPP 1.6J
Grid Health Protection	Line voltage & frequency detection logging
Safety Certification	ETL Listed. Complies: UL2231-1, UL2231-2, UL2594,UL 991;NEC Article 625 for J1772
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 ADA Pedestal Mount: 54" H x 7" W.
Base Pad Size	12" x 12" x 12" (Pedestal Mount Only)
Warranty	2-Years Parts Only

