

Model A4120: 120 KW Medium Voltage DC Charger



- Parallel Charge: CHAdeMO + CCS1
- All-One-Format: Easy to Install
- Efficient: 120kW of Power on a 200A Hookup
- Simple Air-Cooled Power Modules
- FRU Onboard Diagnostics: Easy to Service
- Remote Diagnostics: Improves Serviceability*
- OCPP 1.6: Industry Standard for EVSP

* Requires Tellus On-Guard Service Plan

Parameter	Specifications: A4120-480-03
Maximum Power	120 KW
Output Voltage	150 – 750VDC
Max Output Current @ 400 VDC	200A @ < 400 VDC
Input Voltage Frequency	480V +/- 5% (3P + N + PE) 60 Hz
FLA Breaker Rating	160A 200A
Settable FLA	120A<>160A
Power Factor	>0.98
Efficiency	>94% at nominal output power
DC Charge Mode	Mode 4, IEC-61851, ISO-15118, DIN SPEC 70121 CHAdeMO
Charging Connector Standard	Dual Port: CCS1 and CHAdeMO
Single Parallel/Dual Charge Mode	Single Mode 120kW CCS1 (up to 200 Amps) 60 KW per Port (CCS1 & CHAdeMO) - up to 125 Amps
Weight	880 lbs (400 kg)
Dimensions	29" w x 26.5" d x 73" h (750 x 675 x 1850 mm)
Insulation(input – output)	>2.5 kV
Ingress Protection	IP 54
Operating temperature	-30 deg C to 55 deg C (-22 deg F to 131 deg F)
Working Storage Humidity	≤ 95% RH ≤ 99% RH (Non-condensing)
Display	7" LCD touch screen
Communication Protocol	OCPP 1.6J
Access Control	RFID: ISO/IEC 14443A/B Credit Card Optional
Power Electronics Cooling	Air Cooled
Regulatory Compliance	UL-2202 EMC: EN 61000-6-1:2007, EN 61000-6-3:2007/A1:2011/AC:2012
Communication	Ethernet - Standard, 3G/4G/Wi-Fi (Optional)
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

