

Technical Specifications - EVA 3.0 Canada



Product features & Benefits

50 kW DC Fast Charging

Designed for destination EV Charging

CCS1 Compatible

JOLT chargers are compatible with most electric vehicle models

App-based Charging Experience

Real-time monitoring of charging status and record of previous charging sessions

Vandal Glass with a Graffiti-Resistant Finish

High quality chargers maintained to industry-leading standards

IP55+ Weatherproof Rating

Designed to operate in all weather conditions

High Luminance Display

Automatic brightness adjustment in full compliance with regional luminance regulations

24/7 Remote Monitoring

Remote monitoring via 4G connectivity with robust failover functionality

Integrated Cable Retraction Mechanism

Long reach cables designed to keep the sidewalk clutter-free and optimised for accessibility



JOLT

SPECIFICATIONS

GENERAL	Model	EVA 3.0
	Screen Size	75"
	Charger Power	50 kW
	Region	Canada
COMMUNICATION	Network interface	4G, Ethernet
	Communications protocol (charging infrastructure)	Open Charge Point Protocol (OCPP) 1.6 J/2.0.1
	Communications protocol (vehicle)	CCS1: SAE J1772; ISO 15118; CHAdeMO 1.2
ENVIRONMENTAL	Operating temperature	-40°C up to +55°C
	Humidity	0% to 95% relative humidity (non-condensing)
	Ingress rating	IP55+
	Impact rating	IK10
ELECTRICAL	AC Input Voltage*	3x 277 V (480 V) (+10%,-15%) / 60 Hz
	Output DC voltage range	150 Vdc – 1000 Vdc
	Wiring	3-phase Wye (grounded)
	Efficiency	Up to 97% under full load
	Electrical Protection	Class 1 (protective earth connection)
	THDi (Total Harmonic Distortion)	<5% at nominal power
	Power factor	>0.99
DISPLAY	Screen Size	75 in.
	Orientation	Portrait
	Resolution	3840 x 2160 (Ultra HD) / 16:9
CERTIFICATIONS	EV Charging	IEC 61851-1, IEC 61851-23
	Charging / Safety Standards	UL2202, UL50, UL50E
	IT & A/V	IEC 62368-1
	Electromagnetic Compatibility (EMC)	FCC 47 CFR Part 15B; ICES-003:2017 and 2016

*Input rating may vary in North America