

DC Distributed System - Dispenser Technical Specifications



ELECTRICAL – DC OUTPUT	
Number of ports	One or Two
Max charging current*	Up to 400A nominal, 600A with boost* (Simultaneous and non-simultaneous charging capability depending on dispenser model)
Max power output	Up to 500kW*
Charging connector	CCS1, NACS
ELECTRICAL – DC INPUT	
Input voltage	Max. 1000VDC
Standby power	25W
FUNCTIONAL	
Data communication	Cellular/GPS, Wi-Fi, and Ethernet
Backend protocol	OCPP 1.6J/OCPP 2.0.1
USER INTERACTION	
Display	7" touch screen display
Authentication/payment	RFID: ISO 14443A, ISO 15693, ISO 14443B (STM SRI512) Customer backend via OCPP Payment terminal AutoCharge ISO 15118-2 Plug & Charge "Optional: Payter Apollo: Contactless payment with online PIN entry and verification"
ENVIRONMENTAL	
Enclosure rating	NEMA 3R
Operating humidity	< 95% relative humidity
Operating temperature	-22...122 °F/ -30...+50 °C
MECHANICAL	
Dimensions	11.8 x 68.4 x 11.8 in./300 x 1738 x 300 mm
Approximate weights	179lbs - 302lbs
REGULATION	
Safety	UL 2202, UL 2231-2
EMI	FCC 47 CFR Part 15 Subpart B, Class A
General	CTEP Certified to Accuracy Class 2.0 (< 1.0% error): • COA No. 5982-24 for Kempower standard devices without a 3rd party DC meter • COA No. 5981-24 for Kempower devices with an integrated 3rd party DC meter

*Depending on configuration.