

VoltiE DC Charger

The VoltiE DC Charger uses a 30kW constant power module to reduce charging time with high current output. It smartly allocates power to meet different vehicle charging needs for safe and fast charging. With IP54 protection, it adapts to all weather conditions and has multiple protection functions for user safety. Maintenance is easy with support for remote OTA upgrades and operation/maintenance platforms.

US Standard



Efficient

- Multiple and simultaneous outputs (CCSI, NACS)
- Two CCS1 up to 240kW in total
- THD≤5%@100% Loading

Optional

- Multi-start mode
(QR Code, RFID, Credit Card (Optional), ISO 15118 PLUG & CHARGE)

Intelligent

- Multiple communication: Ethernet/4G/Wi-Fi/DIN 70121
- OCPP 1.6 Json with CMS(OCPP 2.0 upgradeable)
- OTA software update

Secure & Safe

- Energy Metering Class A
- Ingression protection: IP54
- ISO 15118 compliant

VoltIE DC Charger

Datesheet	Model	DC240K-U2IF212	DC180K-U2IF212
Electrical Specification	Power Supply	3P + PE (No Neutral)	
	Rated Voltage	480V±10% AC	
	Rated Current	365A	270A
	Nominal Input AC Current	310A	230A
	Frequency	50/60HZ	
	Output Voltage	CCSI: 150 to 950 V DC; NACS: 150 to 950 V DC	
	Rated Power	240kW	180kW
Basic Attributes	Charge Connector	CCSI+CCSI, CCSI+NACS	
	Cable Length	5m	
	Enclosure	Galvanized Steel (430)	
	Installation	Floor-stand	
Interactive Interface	LCD Display	10"Color Touch Screen	
	Start Mode	QR Code, RFID, Credit Card (Optional), ISO 15118 PLUG & CHARGE	
	Accessible For Wheelchair Users	Yes	
Communication	RFID Reader	ISO 14443 A+B to Part 4 & ISO/IEC 15693, Mifare, NFC, Calypso, Ultralight, PayPass, HID & More	
	Wi-Fi	Yes	
	Ethernet(RJ 45)	Yes	
	4G	Yes	
	DIN 70121	Yes	
	OCPP	OCPP1.6Json(OCPP2.0 Upgradable)	
	Software Update	OTA Update Via Web Portal	
Control And Configuration	Web Portal, On-Board Service Portal		
Electrical Parameter	Efficiency	≥ 96 %	
	Power Factor	≥ 0.98	
	THD	≤5%@100% Loading	
	Ripple Factor	≤±1%	
	Short Circuit Current Rating	≥ 65 kA	
	Standby Power	80 W	
	Energy Metering	Class A	
	Overvoltage Category	AC Side (Input) OVC: III	
Safety	Network Type	TN-S, TN-C, TN-C-S, &TT (External RCD Required)	
	Emergency Stop	Yes	
	Ingress Protection	IP54	
	Impact Protection	IK10	
	Protection Ratings	NEMA 3R Outdoor Use	
	Electrical Protection	Over-Current, Over-Voltage, Under-Voltage, Ground-Fault, Over-Temperature, Short-Circuit, Insulation Monitor (IMD), & Surge Protection	
	Certification Standard	UL 2202, UL 2231-1, UL 2231-2, NEC Article 625, CSA C22.2 No. 107.1-16	
	EMC Compliance	FCC Part 15 Class A, Class B (Optional)	
	Warranty	24 Months with Warranty Extensions Available	
Working Environment	Cooling Method	Fan Cooling	
	Noise	< 65 dB @1 m/25 °/Full Load/800 VDC	
	Operation Temperature	-31 °F to +131 °F (+122 °F to +131 °F with Linear Power Derating)	
	Storage Temperature	-40 °F to +158 °F	
	Work Humidity	< 95 % RH, Non-Condensing	
	Work Altitude	6561 Ft. (6561 to 9843 Ft. with Power Derating)	
Package	Product Dimension	750*620*2100mm(W*D*H)	
	Package Dimension	1030*750*2300mm(W*D*H)	
	Net Weight	430kg	
	Gross Weight	480kg	
	External Package	Wood Case	

Ongoing project, data may be modified.