

# D M

The portable 30kW DC charger supports CCS, CHAdeMO, and NACS standards, making it ideal for fleet operations, dealerships, and temporary fast-charging needs. Through the wheeled (EU) or stand-mounted (US) design, users can easily move and deploy it to flexibly respond to various sites' requirements. 7-inch LCD screens with customizable UI managed by a remote CMS provide an intuitive user experience. With a wide operating range of -30°C to 50°C and humidity tolerance of 5% to 95% RH, it delivers reliable performance in diverse environments, providing a stable and efficient charging solution for various applications.

## All In One DC Charging Solutions 30kW

### Plug

CCS1/ CCS2/ CHAdeMO/ NACS 80A

### E-stop, RFID

### Operation button

### Indicator Light

Cable holder




RJ45/USB port  
7-inch LCD screen

Cable length  
5m



### Portable Design

Adjust the leveling feet to fix the charger

-  Commercial
-  Fleet
-  Charge Point Operator

### Optional



### All-in one charger

- Multi-Standard Support
- Portable Design
- Max. Reach : 49 ft (wall to charging port)
- Supports hubbell Interconnect

### safety

Zerova products comply with all required international safety standards.



## Market Region

Category	Item	Unit	CE	UL
<b>AC Input</b>	Input Voltage	V	3Φ 380 ~ 415Vac (±15%)	3Φ 380 ~ 415Vac (±15%)
	Input Current Rating	A	3Φ 400Vac@47Aac	3Φ 480Vac@40Aac
	Max. Input Power	kVA	33KVA	33KVA
	Connection/ Power Grid System	-	TN/TT	TN/TT
	Power factor	-	> 0.99 ,at full power	> 0.99 ,at full power
	Efficiency	%	> 94%, at optimize V/I point	> 94%, at optimize V/I point
	Short Circuit Current Rating	kA	20kA	6kA
<b>DC Output</b>	Output Voltage	V	150 ~ 950 V	150 ~ 950 V
	Output mode	-	-	-
	Current	A	CCS air cooling: 80A CHAdeMO: 60A	CCS air cooling:60A/80A CHAdeMO:60A NACS 80A
<b>Connector</b>	Number of output	Set	1 Set	1 Set
	Standard Cable length	m/ft	Air cooling:5m(standard)/7.5 m	Air cooling:16.6ft(standard)/24.6ft
	Cable type	-	CCS2 / CHAdeMO	CCS1 / CHAdeMO/ NACS
<b>Mechanical</b>	Dimension (W x D x H)	mm/inch	589 x 490 x 740 mm	24 x 20 x 30 inch
	Weight	kg/lbs	≤ 80kg	≤ 177 lbs
<b>Environment</b>	Operating Temperature	°C / °F	-30°C to 50°C output power will derating from 50°C and above	-22°F to 122°F output power will derating from 122°F and above
	IP/IK Rating	-	IP55/IK10 (not including LCD& RFID module)	IP55/NEMA 3R/IK10 (not including LCD& RFID module)
<b>Compliance</b>	EMC	-	IEC 61851-21-2	FCC CFR Title 47 Part 15 Subpart B
	Safety	-	IEC 61851-1, IEC 61851-23	UL2231, UL2202
<b>Protection</b>	Input	-	OVP, UVP, OCP, OPP, OTP, SPD, RCD	OVP, UVP, OCP, OPP, OTP, SPD
	Output	-	SCP, OCP, OVP, LVP, OTP, IMD	SCP, OCP, OVP, LVP, OTP, IMD
	Internal	-	OTP, AC contactor detection, DC contactor detection, Fuse Detection	OTP, AC contactor detection, DC contactor detection, Fuse Detection
<b>User Interface &amp; Control</b>	Backend Support	-	OCPP 1.6 J,OCPP 2.0.1	OCPP 1.6 J,OCPP 2.0.1
	Display	Inch	7-inch LCD	7-inch LCD
	Operation Button	-	Right: No Function. Left: Home/Stop Charge.	Right: No Function. Left: Home/Stop Charge.
	User Authentication	-	Plug&Charge, QR Code, RFID	Plug&Charge, QR Code, RFID, PnC
<b>Communication</b>	External	-	Ethernet, Wi-Fi and 3G or 4G	Ethernet, Wi-Fi and 4G