



30kW Wall Mount

# DC Charger

# SPECIFICATION

Model Name	DW 30 Series
Safety	NRTL – cETLus (USA/Canada)
Outline	<p>The technical drawing shows two views of the DW 30 Series unit. The front view on the left indicates a width of 24 units and a height of 27 units. The side view on the right indicates a depth of 9 units. The front view shows a central panel with a display and a control knob, and a terminal block at the bottom. The side view shows a cooling fan and a terminal block at the bottom.</p>

## Power Specification

AC Input	Input Rating	3 $\Phi$ _480Vac (+10%, -15%)
	Input Current	3P+N+PE (Wye Configuration), TN/TT
	Max. Input Current	3 $\Phi$ 40A
	Frequency	50Hz/60Hz
	Power Factor	>0.99
	Efficiency	>94%, at Optimize V/I Point
DC Output	Output Voltage Range	CHAdEMO: 150~500Vdc CCS1: 150~950Vdc
	Max. Output Current	CHAdEMO: 60A@500Vdc CCS1: 60A@500Vdc Optional 80A@375Vdc
	Max. Output Power	DC 30kW
	Voltage Accuracy	$\pm$ 2%
	Current Accuracy	$\pm$ 2%

## User Interface & Control

Display	7" LCD
Push Buttons	Operating Buttons/Emergency Stop Button
User Authentication	RFID, QR Code, Optional Third Party Payment System

## Communication

External	Ethernet, Wi-Fi & 4G
Internal	CAN Bus/RS485
ISO15118	Plug&Charge

## Environmental

Operating Temperature	-22°F~122°F (-30°C~50°C)
Humidity	5%~95% RH, Non-Condensing
Altitude	≤6562ft (2000m)
IP/IK Level	NEMA 3R IK10 (not including screen & RFID module)
Cooling Method	Fan Cooling

## Mechanical

Dimensions (WxDxH)	24 x 9 x 27in (610 x 230 x 690mm) ± 1%
Weight	Single Plug: ≤176lbs (80kg) ±1%/Dual Plugs: ≤194lbs (88kg) ±1%
Cable Length	15ft (4.5m) or 23ft (7m)

## Protection

Input Protection	OVP, OPP, OTP, UVP, SPD
Output Protection	SCP, OCP, OVP, LVP, OTP, IMD

## Regulation

Certification	UL2202,UL2231 FCC Part 15 Subpart B ANSI C63.4; ICES-003, EnergyStar, CTEP, NTEP (NIST Handbook44)
Charging Interface	CHAdeMO, DIN 70121, ISO15118