

DELTRIX

charging solutions



DELTRIX 40KW Mobile Workshop Charger

The Deltrix 40KW Workshop Charger is an ideal solution for Garages, Car Dealerships, Workshops, Service Stations or Public Events. It is available with wheels for manoeuvrability or legs for a fixed location.

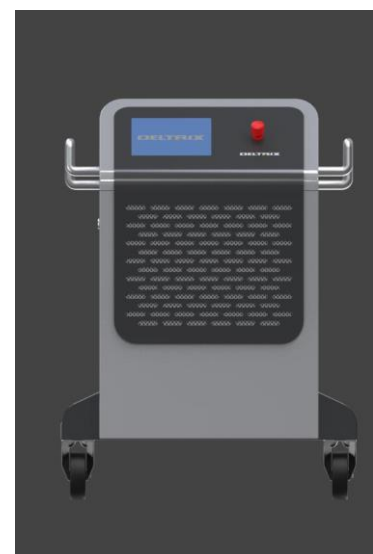
The unit with its modular construction has been designed to be simple to operate and handle, robust and transportable. We offer the unit as a simple plug and play unit and in a smart version with access control, an LCD display and full backend cloud support.

The charger connects to a standardized CEE-Style 400Vac wall-socket.

The lifting handles and fasteners allow the unit to be easily transported in a Van in required.

Key Features

- Suitable for a garage or workshop environment
- Wide range of output voltage, 200-500VDC
- 63A CEE Connector
- Stand-alone or network-integrated charger for indoor use
- Modular Construction with 15KW DC Power Supplies
- Floor Standing or with Wheels
- CCS2 Combo or CHAdeMO (2.5m to 5.0m)
- Optional Type 2 AC Charger
- Efficiency up to 95% at nominal output power
- Intelligent RFID card reader - optional
- 9" touch-screen and user-friendly interface
- Ethernet, Wi-Fi and 2G/3G/4G for backend support - optional
- Energy Meter Support (optional)
- Back-office system integration with OCPP 1.5/1.6/2.0 on demand
- Easy to install and operate (with Lifting Handles)
- Full customization available (colour and logo)



Application Areas

- Car Dealerships and Workshops
- Parking garages
- Service Stations
- Public Events
- EV infrastructure operators and service providers

Technical Specifications

AC Input

Input Voltage	400V ± 10%
AC Input Connection	3P + N + PE
Frequency	50 / 60 Hz
Input current (AC)	63A
Power Factor	>0.99 (APFC)
Full Load Efficiency	≥95%
Mains terminal	Terminal blocks
Input Protection	OVP, OCP, OPP, OTP, UVP, Residual current detection, Surge protect

DC Output

Output Voltage Range	200 to 500V
Max. Output Current (DC)	0-150A with 3 DC Modules
Max. Output Power	42KW
Voltage Accuracy	± 1%
Current Accuracy	± 1%
Output Protection	Short circuit protection, OCP, OVP, LVP, OTP, Residual current detection

DC Charge Point: CCS

Rating cable and gun	200 ADC / 850 VDC, IEC 61851-23 / -24, IEC 62198-3
Compliance	DIN 70121

DC Charge Point: CHAdeMO

Rating cable and gun	125 ADC / 500 VDC
Compliance	IEC 61851-23 / -24, JEVS G 105, Rev. 1.0.1

AC Charge Point

AC Socket at 22 kW	Mode 3 (IEC 62196-2), Type 2
Nominal AC voltage	400V
Maximum charging current	3 x 32A at 22 kW
Cable / access length	3.5 m
Protection	RCD Type B

General

Display	9" LCD touch-screen - optional
Emergency Stop Control	Press emergency stop button
RFID User Authentication	RFID ISO14443A (M1/MIFARE Card) - optional
Display Information	Charging process and status, Alarm, and warning messages
External Communication	Ethernet, Wi-Fi & 3G/4G - optional
Internal Communication	CAN Bus / RS485
Dimensions (H x W x D)	1021mm x 818mm x 736mm
Weight	<100KG
Protection	IP44, IK10 (other IP ratings on request)
Back Office Integration	OCPP 1.5/1.6/2.0 (future)
Compliance and safety	RoHS: EN 50581, CE & IEC 61851-1
Energy Metering	Supported - Optional
Cooling	Forced Air / Fan cooling
Operating temperature	-20 °C to +40 °C
Maximum relative humidity	95 %, non-condensing
Part Numbers	D40MDCC-BASIC (Wheels or Legs) D40MDCC-LCD (Wheels or Legs)



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