

SEEDBOX30

30 KW DC WALLBOX

- Charge up to **6 times faster** than a normal AC charging
- for wall or pedestal installation
- Low maintenance, low energy consumption
- Easy to install, very easy to use
- Ideal for home/office, retail, business and commercial centres, restaurants, hotels, auto dealers, e-taxis or carpools at large organisations, petrol stations
- Compact and stylish Italian design
- Customizable for branding

Main features

- 30KW 80A max, 150-1000V, constant power
- Single DC outlet: CCS combo or CHAdeMO,
- OCPP 1.6 communication protocol
- RFID reader, (optional) Display



SEEDBOX30 is a multi-standard DC destination charger with 1 CCS combo cable or 1 CHAdeMO cable

SEEDBOX30 supports both 500V and 920Vdc voltage range, adjusting max current in function of the voltage.

SEEDBOX30 has been designed keeping in mind the needs of the owner of the electric vehicle and those of the operator: safety, ease of use and speed in charging operations; low install cost, reliability, low maintenance, low consumption, scalability, quick assistance and support.

Internet connection and OCPP integration allow users and operators to easily connect and operate with the charger through different back-end software systems, payment platforms or smart grid systems.

SEEDBOX30 can be customized with logos and special stylish colour combinations: i.e. glossy black and aluminum, champagne and dark grey or orange and aluminum.

Specifications

	SEEDBOX40
Output power / current range	40KW / 0 – 80 Adc (constant power)
Output voltage	DC: 150-1000Vdc
Efficiency (max)	≥95%,@1000Vdc/50%~100% Load current,Max point ≥95.5%
Dimensions LxDxH / weight	mm 701 x 404 x 500/ 78 Kg (cable not included)
Number of outputs	1 x DC: CCS2 or CHAdeMO (1 x 4 mt long)
Input AC	400 VAC +/- 10% / 3phase + PE / 45-65 Hz, 42 KVA, 59Aac Impulse current upon startup 61A, power factor 0,99
Protection and safety	Main switch, IMD (Insulation monitoring device), overcurrent, over and under voltage, overheating To be mounted externally (not included): circuit breaker, type A differential, SPD surge arrester
Operator's interface	No. 1 LED for status of charging, (Optional) TFT LCD color 7", touch screen
Start/stop, Authentication andpayment	RFID reader ISO15693+ISO14443A/B, Mifare S50 / S70, Mifare Ultralight, NFC Tag and compatible card (Optional) Anonymous credit card payment terminal
Network connection	10/100 Base-T Ethernet, Wi-Fi GSM 3G/4G LTE CDMA, (optional) GPS
Remote access protocol	OCPP 1.6 Json
Operating temperature	-25°C to +50°C, derating Tamb > 45°C (optional -35°C)
Storage temperature	-40°C to +70°C
Rel. humidity	5% - 95% (non-condensing)
Enclosure and Protection degree	IP54 / IK10 Outdoor, no-marine, no-harsh environment. Steel painted with thermosetting epoxy polyester powders, for exteriors and interiors Standard colors: white RAL9016, grey RAL7026 only the side panels with louvers, glossy finished
Standard & EMC	IEC 61851-1, IEC 61851-23, IEC 61851-21-2 class B, IEC 62196-3, 2014/35/UE (CE) IEC 61439-7
Options	Pedestal, 7" touch screen monitor, MID approved AC energy meter, DC energy meter, custom 2 colours combination, re-brand (customer logo),CHAdeMO certification,other certifications on request

The characteristics can be modified by the manufacturer without prior notice -Seedbox October 2023



