

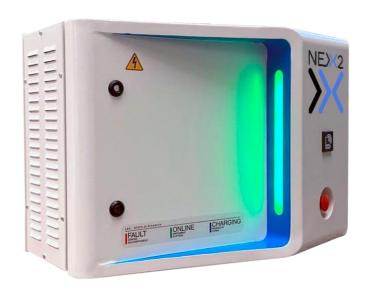


30 KW DC destination charger

- Charge up to 6 times faster than a normal AC charging
- 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 next generation 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, quickassistance 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, champagneand dark grey or orange and aluminum.

Specifications

	SEEDBOX 30-1000
Output power / current range	30KW (V>400Vdc) / 0 – 80 Adc
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/ 89 Kg (cables 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, 42KVA, 59Aac Impulse current upon startup 61A, power factor 0,99
Protection and safety	Main circuit breaker (MCB), Insulation monitor, Overcurrent, Overvoltage, Low-voltage, Overtemperature Not included: RCD type A + magnetothermic switch, SPD Surge protection device (to be mounted externally)
Operator's interface	No. 1 LED for status of charging, (Optional) TFT LCD color 5" (no touch screen)
Start/stop, Authentication andpayment	RFID-NFC ISO IEC 14443-A ed NFC, MIFARE Ultralight®, NTAG203, MIFARE Mini, MIFARE Classic® 1K, MIFARE Classic® 4K, FM11RF08 (Optional) Anonymous contactless 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, non-marine (standard),Standard colors: white RAL 9016 or dark grey RAL 7024, semi-gloss textured finished
Enclosure / Environment	Steel painted with thermosetting epoxy polyester powders, for exteriors and interiors
Standard & EMC	IEC 61851-1, IEC 61851-23, IEC 61851-21-2 class B, IEC 62196-3, 2014/35/UE (CE) IEC 61439-2
Options	Pedestal, 5" TFT monitor, custom 2 colours combination, re-brand (customer logo),CHAdeMO certification,other certifications on request







The characteristics can be modified by the manufacturer without notice - Seedbox July 2021 $\,$













Examples of customization

COLOR COMBINATION 1



RAL 9017 RAL 9003



COLOR COMBINATION

2





RAL 7032 RAL 7036



COLOR COMBINATION

3





RAL 7040 RAL 7026



COLOR COMBINATION

4





RAL 7012 RAL 9017



COLOR COMBINATION

5





RAL 9010 RAL 5015



