

SEEDBOX

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, 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

| | 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 and payment | 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 -
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NEX2

NEX2 - Charging systems and devices for electric vehicles
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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

