



## Grandis Single

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### Detailed description

Floor-standing, single outlet electric vehicle charger with online functionality.

### Features and benefits:

- Finished in brushed aluminium with black Perspex panels.
- Robust and aesthetically pleasing.
- Suitable for use in all environments.
- Supports single-phase and three-phase power connection, with output from 2 to 22 kW.
- Load-balancing option: The system automatically down-rates and limits the total consumption of the clustered charging stations according to the maximum set on the master unit.
- Also available as a double outlet unit (specified separately).

### Online (Smart) functionality:

Open Charge Point Protocol (OCPP)-compatible, for connection to the Sevadis Cloud online management system, or to OCPP platforms provided by others.

Communications to the internet are available via Wi-Fi, GSM or Ethernet, depending on the availability at each location. Can also be configured with optional integrated load-balancing for ensuring that the incoming electricity supply is not over-loaded from excessive use of the chargers when in a cluster.

### Accreditations:

OLEV-certified: Enables the UK government Homecharger and Workplace charging schemes rebate to be claimed.

### Product specification

#### Manufacturer

- Name: Sevadis
- Web: [www.sevadis.com](http://www.sevadis.com)
- Email: [customerservice@sevadis.com](mailto:customerservice@sevadis.com)
- Tel: +44 (0)330 058 7144
- Address: Granville House, Unit E The Heights Business Park, Ibstone Rd, Stokenchurch HP14 3BG

**Product reference** Grandis Single

Sevadis



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<b>Standards</b>	Consult manufacturer
<b>Mode</b>	3 - Refer to BS 7671, Part 2.
<b>Input voltage</b>	3 x 230 V/ 400 V a.c.
<b>Input current</b>	32 A
<b>Rated frequency</b>	50 Hz 60 Hz
<b>Outlet type</b>	Type 2, standard socket 32 A/ 400 V a.c. according to EN 62196-1
<b>Power output</b>	2–22 kW
<b>Mounting</b>	Floor-standing
<b>Impact protection (minimum)</b>	10
<b>Ingress protection (minimum)</b>	54
<b>Accessories</b>	[N/A]
<b>Size</b>	1310 x 250 x 250 mm - Height x length x width.
<b>Colour</b>	Silver/ Black Black/ Black
<b>Finish</b>	Anodized aluminium and plexiglass
<b>Power supply cable</b>	Suggested minimal cross- section: 6.0 mm <sup>2</sup> (32 A nominal current)
<b>Network type</b>	TN TT IT - On special request; consult manufacturer for details.
<b>Overvoltage</b>	Category III according to EN 60664-1
<b>Short time withstand current</b>	Effective value
<b>Residual current device</b>	Integral part of the RCD device A
<b>Protection class</b>	Class 1
<b>Weight</b>	22 kg
<b>Interfaces</b>	



- Ethernet connection	RJ-45, 10/100Base-T(X)
- GSM	2G (850/ 900/ 1800/ 1900 MHz); Micro SIM card
- WiFi	802.11 b/g/n, 2.4 GHz; maximum data transfer speed: 150 MBps; transmitter capacity: 21 dB dB
- RFID	MIFARE cards in compliance with ISO 14443
<b>Working temperature</b>	-20 to +55°C
<b>Acceptable relative air humidity</b>	5–95%
<b>Altitude(maximum)</b>	2000 m