

APEX-22

Fast AC Single Outlet 22kW Tethered & Untethered Chargers



Pro Earth Pen Fault Protection

Featuring built-in pen fault protection as standard, our pro earth APEX EV charger eliminates the need for an earth spike upon installation, or carry out any costly ground-works.



WIFI & Bluetooth Compatible

The APEX features multiple connection options including WIFI, Bluetooth and 4G connectivity. Providing seamless & wireless communication access for your EV charger.



Intelligent Solar

Being fully solar compatible, utilise the power of the sun with APEX. Take advantage of green, solar energy by using the sun to power & charge your vehicle.



Intelligent Dynamic Load Balancing

With dynamic load balancing the APEX EV charger is able to intelligently adjust how much power it draws, allowing it to never draw too much power, but always operate at a happy optimum.



5 Year Warranty*

With a market-leading 5-year warranty, APEX gives you the peace of mind, protection, and guarantee of high-quality after-care services for your EV charger.

Introducing a World of Colour



Black Obsidian

Ghost White

Cherry Red

Racing Green

Nitrous Blue

EV Steel

*APEX-22 chargers are 'EV Steel' colour as standard. Colour variations of the APEX-22 charger are available Q1 2024, and are subject to availability.

The APEX Smart App Control Everything



- > Start, stop, & monitor your charging activity with one app.
- > Prioritise off-peak charging.
- > Manage and add multiple charge points to one master account.

Download the APEX App by Project EV, for smart app EV control. Available on both the Google Play and App Store.

Please Note - *APEX 5 year warranty is subjected to terms and conditions
*Please ensure this product is installed to meet all local regulations

Input

	APEX-22S-T / APEX-22S-T-4G Tethered	APEX-22S / APEX-22S-4G Untethered
Wiring Scheme	3P+N+PE	3P+N+PE
Voltage	400Vac, ±20%	400Vac, ±20%
Maximum Current	32A	32A
Frequency	50/60Hz	50/60Hz

Output

Voltage	400Vac, ±20%	400Vac, ±20%
Maximum Current	32A	32A
Rated Power	22kW	22kW

User Interface & Control

Connector Type	Type 2 Cable	Type 2 Socket
Cable Length	5m	N/A
RFID Reader	Mifare ISO/IEC 14443 A	Mifare ISO/IEC 14443 A
Start Mode	Plug & Play/ RFID Card/ App	Plug & Play / RFID Card / App

Communication

WiFi	Yes*	Yes*
Bluetooth	Yes	Yes
LAN	No	No
4G	4G on APEX-22S-T-4G Only	4G on APEX-22S-4G ONLY
OCPP	OCPP 1.6 JSON, OCPP 2.0.1 Optional	OCPP 1.6 JSON, OCPP 2.0.1 Optional

*Range capability up to 30m. Dependent on environment and charger location/surroundings.

Environment


Installation	Wall-Mount / Post-Mount	Wall-mount / Post-mount
Operating Temperature	-30°C ~ 50°C	-30°C ~ 50°C
Operating Humidity	5% ~ 95% No Condensation	5% ~ 95% No Condensation
Operating Altitude	≤2000m	≤2000m

Safety

IP Protection Rating	IP65 (Socket IP54)
IK Protection Rating	IK08
Residual Current Detection	AC 30mA / DC 6mA* (Internal RCD-DD meets the trip time characteristics specified in IEC 62955)
Over Current Protection	✓
Residual Current Protection	✓
Pro Earth Pen Fault Protection	✓
Surge Protection	✓
Over Voltage protection	✓
Under Voltage Protection	✓
Over Temperature Protection	✓
Under Temperature Protection	✓
Certification	CE, UKCA
Certification Standard	EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021

*Please ensure this product is installed to meet all local regulations.

Dimension And Weight

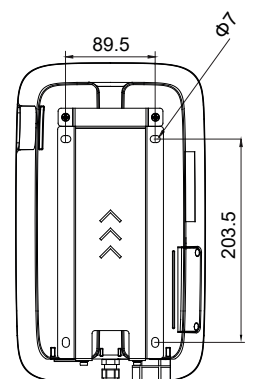
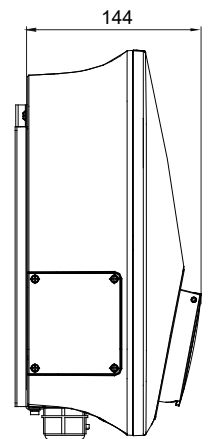
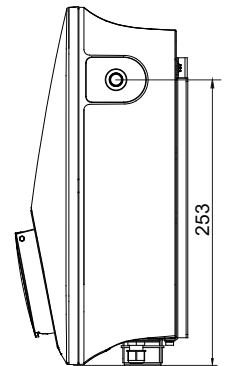
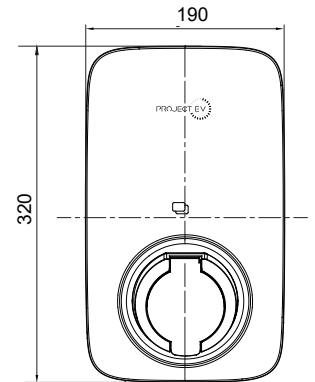
Product Dimension	320*190*130 mm	320*190*144 mm
Product Weight	5.6kg	2.4kg
Product Colour Options*		

*APEX-7.3 chargers are 'EV Steel' colour as standard. Further colour options are available upon request, subject to availability.

Mounting & Accessories

Floor Pole	Opt. APEX-SPOST	Opt. APEX-SPOST
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*Line Drawings for Untethered Unit Only



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