

APEX-7.3

7.3kW Tethered & Untethered - Technical Specifications



Input

	APEX-7S-T / APEX-7S-T-4G Tethered	APEX-7S / APEX-7S-4G Untethered
Wiring Scheme	1P+N+PE	1P+N+PE
Voltage	230Vac, ±20%	230Vac, ±20%
Maximum Current	32A	32A
Frequency	50/60Hz	50/60Hz

Output

Voltage	230Vac, ±20%	230Vac, ±20%
Maximum Current	32A	32A
Rated Power	7.3kW	7.3kW

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	Adapter Q1 2024	Adapter Q1 2024
4G	4G on APEX-7S-T-4G Only	4G on APEX-7S-4G ONLY
OCPP	OCPP 1.6 JSON, OCPP 2.0 Optional (Coming Soon)	OCPP 1.6 JSON, OCPP 2.0 Optional (Coming Soon)

*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
Mid Metering / CT	EN50470-1 & EN50470-3 Class B MID approved Meter (pre configured) (CT Clamp and Meter Included)	

Safety

IP Protection Rating	IP65	
IK Protection Rating	IK08	
Residual Current Detection	Integral Type A RCBO / AC 30mA / DC 6mA	
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	

Dimension And Weight

Product Dimension	320*190*144 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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