

Terra AC Lite

Product Variants

Variant

Terra AC Lite 7kW, Cable 5m, RFID, Type 2

Terra AC Lite 22kW, Cable 5m, RFID, Type 2

Product Code

Terra AC W7-G5-R-L-V2-0

Terra AC W22-G5-R-L-V2-0



Logo customisation optional

Specifications

Product Characteristics

Connector	Type 2, fixed charging cable (5m)
Rated Power	7 kW/32A (1-phase) or 22 kW/32A (3-phase)
Nominal Voltage	1-phase: 230V $\pm$ 10%, 50/60Hz 3-phase: 400V $\pm$ 10%, 50/60Hz
Earthing Systems	TT, TN, IT
Protection	Overcurrent, overvoltage, undervoltage, DC residual current protection, integrated surge protection, over temperature protection
Overvoltage Category	OVC III
IP / IK Rating	IP55, IK10
Operating Temperature	-30...+50 °C (derating may apply)
Operating Altitude	Up to 2,000m
Storage Temperature Range	-40...+80 °C
Standby Power	< 5W
Mounting	Wall-mount; optional floor pedestal
Dimensions (H $\times$ W $\times$ D)	320 $\times$ 195 $\times$ 110 mm 12.60 $\times$ 7.68 $\times$ 4.33 inches

User Interface

Display & Indication	5 LEDs (power / connectivity / authorization / charging / error)
Authentication	RFID card (1 included) or user app or portal
User Interface / Installer Interface	User app or portal, installer app and portal for setup

Connectivity

Communication protocols	OCPP 1.6j, Modbus RTU RS485 (external energy meter or local controller)	
Bluetooth Low Energy	BLE 5.0	
RFID	ISO/IEC 14443A, MIFARE™ Classic, 1K and 4K memory	
Compatible mobile device operating systems	Android 4.4 or higher / iOS 8 or higher	
RF Technology	Frequency Band	Maximum E.I.R.P (dBm)
RFID	13.56 MHz	NA
Bluetooth Low Energy	2.4 GHz	10
WLAN (802.11b/g/n)	2.4 GHz	16

Certification & Standards

Safety Standards	EN IEC 61851-1: 2019, IEC 62955: 2018, EN IEC 61851-21-2: 2021
Certification	CE, CB, RED, RoHS, REACH