GRESGING

AC TURBO WALLBOX

7.4kW / 11kW / 22kW

AC TURBO WALLBOX

Fast, Flexible & Full Application

Flexible Configuration

Comprehensive deployment across multinational markets, encompassing residential, commercial, fleet, retail, and destination-based charging

- Supports 7.4, 11 & 22kW
- Tethered (Cable) & Untethered (Socket) solutions available, shutter socket (optional) for the French market
- Network connection options: Wi-Fi, Ethernet (LAN) & 4G (optional)
- 4.3-inch display screen & revolving status light (optional)
- Built in MID meter (optional)
- Built in O-PEN fault detection (optional) for UK market

Cloud Based Intelligent Control

Delivers high user convenience whilst minimizing maintenance-related costs

- OCPP1.6J fully compliant
- Dynamic load management: Improves the charging experience and optimizes energy costs
- Safe-Encrypted connection to the Gresgying DMS backend, efficient device management, monitoring and maintenance (EU Servers)

Safety and Reliability

Built to last

- IP65 Tethered (Cable) and IP54 untethered (Socket)
- Built in Type A+DC6mA for leakage protection

AC TURBO WALLBOX

Smart, Safe and Scalable
The AC Wallbox for Every Scenario

- OCPP 1.6 fully compliant
- Built-in MID meter (optional)
- Dynamic load management
- AC 30mA + DC 6mA leakage protection
- O-PEN module for UK market (optional)
- Network connection options: Wi-Fi Ethernet (LAN) & 4G (optional)
- UK smart charge regulation compliant
- Plug & play
- OTA upgrades
- 4.3-inch LCD display screen and revolving light (optional)
- Weather resistant

TECHNICAL SPECIFICATIONS

Model			
Model number	LCNA-7E-C / LCNA-7E-B	LCNA-11E-C / LCNA-11E-B	LCNA-22E-C / LCNA-22E-B
Rated power	7.4kW	11kW	22kW
Rated frequency	50 / 60Hz		
Input Parameters			
Input rated voltage	AC230 / 240V	AC400 / 415V	AC400 / 415V
Input rated current	32A	16A	32A
Output Parameters			
Output voltage range	AC196V~AC264V	AC340V~AC457V	
Output current range	≤32A	≤16A	≤32A
Output connector	Tethered: Type 2 cable (5m); Non-tethered: Type 2 socket		
Protection			
Leakage protection	Type A+DC 6mA		
Electrical protection	Over / under voltage protection, overload protection, short circuit protection, earth leakage protection, ground protection, over-temp protection, surge protection		
User Interface & Control			
User authentication	Plug and Charge, RFID Card or Mobile APP		
HMI	4.3 inch (optional)		
Connectivity	Wi-Fi / Ethernet (LAN) / 4G Sim Slot (optional)		
External communication	RS485		
Communication protocol	OCPP 1.6J		
Mechanical Parameters			
Dimension (WxDxH)	Charger: 240mm×145mm×460mm (product) 405mm×230mm×550mm (package)	Pillar: 165mmx115mmx1450mm (product) 240mmx195mmx1515mm (package)	
Weight	Socketed Charger: 4.3kg (net); 5.8kg (gross) Cabled Charger: 6.85kg (net); 8.3kg (gross)	Pillar: 6.5kg (net); 10kg (gross)	
Material	PC+ASA		
IP & IK rating	IP65 (Cable) / IP54 (Socket); IK10 (Screen IK08)		
Environmental Data			
Storage temperature	-30~85°C		
Operating temperature	-30~50°C		
Operating humidity	5%~95% RH (no condensation)		
Altitude	≤2000m		
Cooling method	Natural cooling		
Optional	MID energy meter inside (meter window optional) 4.3 inch display, revolving light, LAN, 4G connection, pillar		
Certificate	CE, CB, UKCA, RoHS, REACH		

GRESGYING
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