



C6 Power Charger

TLPC.C6



C6 is a smart DC high-power charger, configurable and suitable both for public areas and private condominiums. With its internet connection, it's online manageable.

C6 has a unique cooling system, an innovative Z-shaped wind channel to avoid rotary airflow that increases cooling efficiency and its ability to cope with weather changes. The centrifugal ventilator brings the hourly volume of air flow up to 790 cm³.

Main Features

SIMPLE DESIGN

The durable alloyed-metallic shell and cable-embedded design with cambered lines provide pleasant charging experience to EV drivers.

OPTIMIZED EFFICIENCY

The automatic output adjustment mechanism maximizes the overall operation efficiency and utilization.

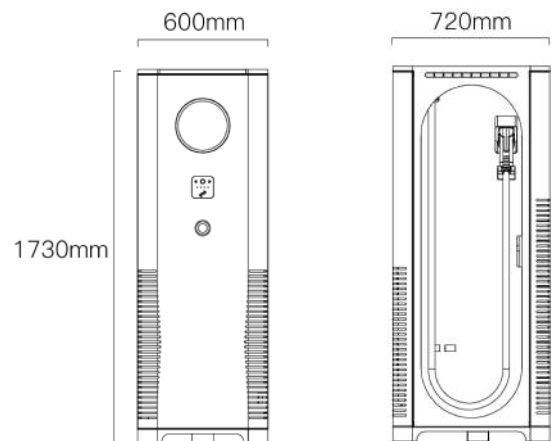
VISUALIZED CHARGING STATUS

15" LED HD screen shows the charging status of both plug. 60 LED lightening indicators enable users to see the charging status even in remote places and dark or foggy environment.

U-SHAPED PLUG PLACEMENT

The U-shaped groove can easily hold 3.5-5 m long cable to avoid kinking and keep the charging station tidy.

Dimensions



720 x 600 x 1730 mm

Dimensions	D x W x H	720 x 600 x 1730 mm	
	Weight	350 kg	
Connection		Case C Mode 4	
Operation System		Android	
Operations	Temperature Range	-30°C ~ 60°C	
	Humidity Range	5% to 95% no-condensing	
Display	Size	15"	
	Type	HD Touchscreen	
Input	AC power connection	3P + N + PE	
	Voltage Range	400 V _{AC} +/-10% (50 Hz / 60 Hz)	
Auxiliary Power		12 V / 24 V	
Efficiency		> 96%	
Power Factor		> 99% (full load at a nominal output power)	
Network Connection		GPRS / 3G / 4G / LAN	
LED Indicator		Intelligent charging status indicator	
Radiating Type		Advanced centrifugal ventilator	
Measurement		Output DC ammeter	
Payment / Authentication Mode		NFC / RFID / QR Code	
Communication Protocol		OCPP 1.6	
Timing Service		Online setting	
Installation		Vertical standing with optional nozzle and cable collection post	
Plug		Two plugs with smart power balancing	
Parking Zone Management System		Delay fee system + Parking locker (optional)	
Mechanical Protection Degree	IK rating	IK10	
Protection level	IP rating	IP54	
Advertising / Branding		Yes (jpg, png, mp4)	
Ground Load Bearing		at least 400 Kg	
Safety Protection		Over/Undervoltage Protection, Overload Protection, Short Circuit Protection, Anti-access Protection, Earth Leakage Protection, Lightning Protection, Waterproof, Overheat Protection	
Standards		IEC 61851-1-2011 / IEC 61851-23-2014 / IEC 61851-24-2014 / IEC 62196-3-2014 / ISO15118-2-2014 / DIN 70121-2014	
Power	Metering	Internal AC meter MID certified	
	Distribution	Single plug mode / Average output mode	
Cable Assembly Length		3.5 / 5 / 7 m	
Compatible Car Brands		Various	
Charging Standard		CCS	CHAdeMO
Maximum Output Power Range		50 - 160 kW	50 kW
Maximum Output Voltage		1000 V _{DC}	500 V _{DC}
Maximum Output Current		200 A _{DC}	125 A _{DC}
Connection Standard		IEC 61851-23	CHAdeMO 1.0
Connector/Socket Type		Combo-2	CHAdeMO