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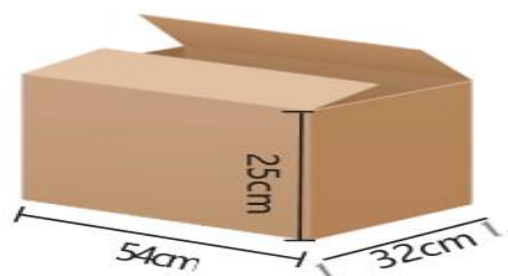
Model: TD-CP-22



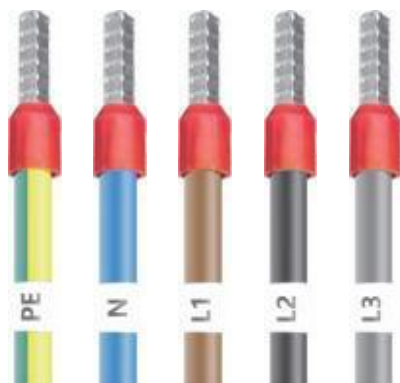
AC CHARGING PILE

Product Specification

V1.0



PRODUCT DESCRIPTION



PE N L1 L2 L3

Indicator Light

Display Screen

Swipe Card Reader

Charging Gun



FUNCTIONAL PARAMETER

Operating Voltage 400Vac±15%	Over Current Protection ≥110% Rated output
Operating Current(max) 32A	Leakage Current Protection A/A+DC6
Operating Frequency 50Hz	CP Voltage Protection ≥±1V
Rated Charging Current(max) 32A	Over-temp Protection 80°C(protect) 60°C(recover)
Rated Output/Intput Voltage 400Vac	Lightning Protection √
Operating Temperature -25°C~+50°C	Relay Bonding √
Storage Temperature -40°C~+60°C	Ground Protection √
Enclosure Protection Class IP65	Cooling Method Natural cooling
HCI Indicator Light	Communication Method Bluetooth/Wi-Fi/4G
Over-voltage Protection ≥265v	Installation Method Vertical/wall-mounted
Under-voltage Protection ≤175v	Body Dimension 380*220*130 mm

MAIN ADVANTAGES



Wall-mounted/vertical
flexible application



Adjust the current
as needed



Multiple
start mood



Protection Class
IP65



Monitor temperature
in realtime



Complete
certification



Multiple security
protection



High efficiency
charging

PROTECTION FUNCTION



Over-voltage
Protection



Under-voltage
Protection



Over-temp
Protection



Lightning
Protection



Overload
Protection



Leakage
Protection



Relay Bonding
Protection

CHARGING PROCESS

Idle

Indicator light:
always on green

Connect

Indicator light:
green flash

Delay

Indicator light:
always on blue

Charging

Indicator light:
blue flash

Charging Finish

Indicator light:
always on blue

Fault

Indicator light:
red flash

INDICATOR DESCRIPTION

Operating State	Indicator Light State			Code
	Red	Green	Blue	
Idle (no Wi-Fi connect)	/	Flash	/	/
Idle	/	Always on	/	/
Insert charging gun	/	Flash	/	/
Charging	/	/	Flash	/
Charging finish	/	/	Always on	/
Over-voltage protection	Flash 1 time	/	/	E01
Under-voltage protection	Flash 2 time	/	/	E02
Over current protection	Flash 3 time	/	/	E03
PCB mainboard over-temp protection	Flash 4 time	/	/	E04
Ground protection	Flash 5 time	/	/	E05
CP voltage protection	Flash 6 time	/	/	E06
Relay fault	Flash 7 time	/	/	E07
Leakage protection	Flash 8 time	/	/	E08
E-stop button	Flash 15 time	/	/	E15
Card reader fault	Flash 16 time	/	/	E16
Ammeter fault	Flash 17 time	/	/	E17
Swipe stop	/	/	/	S1
APP stop	/	/	/	S2
Fully charged stop	/	/	/	S3
Car stop	/	/	/	S4
Under-balance stop (operational version)	/	/	/	S5
Charge interruption (operational version)	/	/	/	S6



DESIGN CRITERIA

- IEC 61851-1, Electric vehicle conductive charging system–Part 1: General requirements
- IEC 62196-2, Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories