

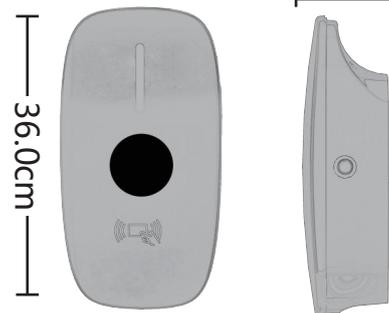
EN



19.5cm



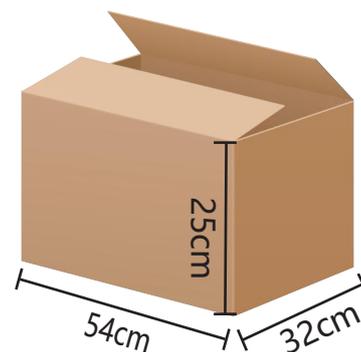
9.0cm



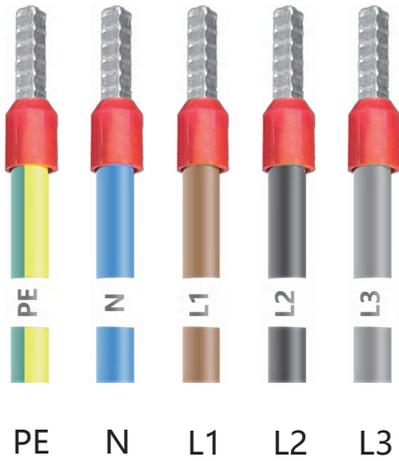
36.0cm

# 22KW AC CHARGING PILE

Product Specification



V1.0



<b>Operating Voltage</b> 400Vac±15%	<b>Over Current Protection</b> ≥110% Rated output
<b>Operating Current(max)</b> 32A	<b>Leakage Current Protection</b> A
<b>Operating Frequency</b> 50Hz	<b>CP Voltage Protection</b> ≥±1V
<b>Rated Charging Current(max)</b> 32A	<b>Over-temp Protection</b> 80°C(protect) 60°C(recover)
<b>Rated Output/Input Voltage</b> 400Vac	<b>Lightning Protection</b> √
<b>Operating Temperature</b> -25°C~+50°C	<b>Relay Bonding</b> √
<b>Storage Temperature</b> -40°C~+60°C	<b>Ground Protection</b> √
<b>Enclosure Protection Class</b> IP65	<b>Cooling Method</b> Natural cooling
<b>HCI</b> 4.3 inch	<b>Communication Method</b> Bluetooth/Wi-Fi
<b>Over-voltage Protection</b> ≥265v	<b>Installation Method</b> Vertical/wall-mounted
<b>Under-voltage Protection</b> ≤175v	<b>Body Dimension</b> 360*195*90 mm

## MAIN ADVANTAGES



Wall-mounted/vertical  
flexible application



Adjust the current  
as needed



Multiple  
start mood



4.3 inch big screen  
human computer  
interaction



Monitor temperature  
in real time



Complete  
certification



Protection Class  
IP65



Multiple security  
protection



High efficiency  
charging

# PROTECTION FUNCTION



Over-voltage Protection



Under-voltage Protection



Over-temp Protection



Lightning Protection



Overload Protection



Leakage Protection



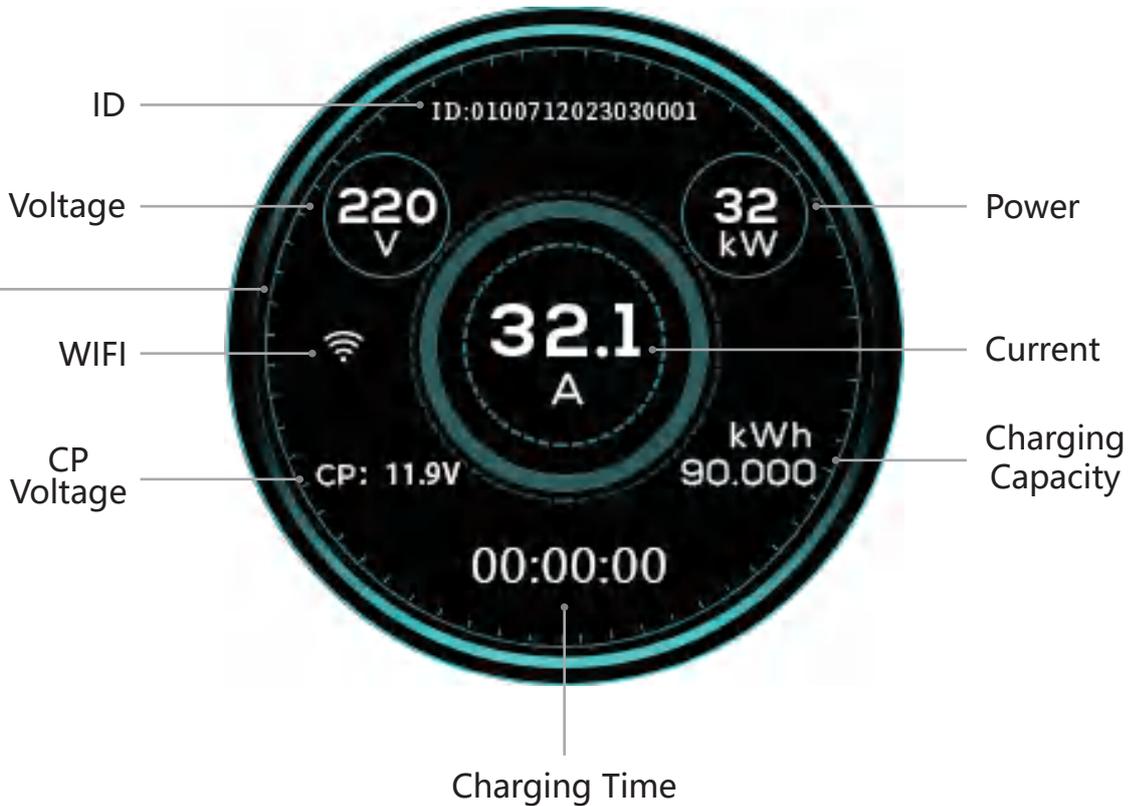
Relay Bonding Protection

# CHARGING PROCESS



Idle

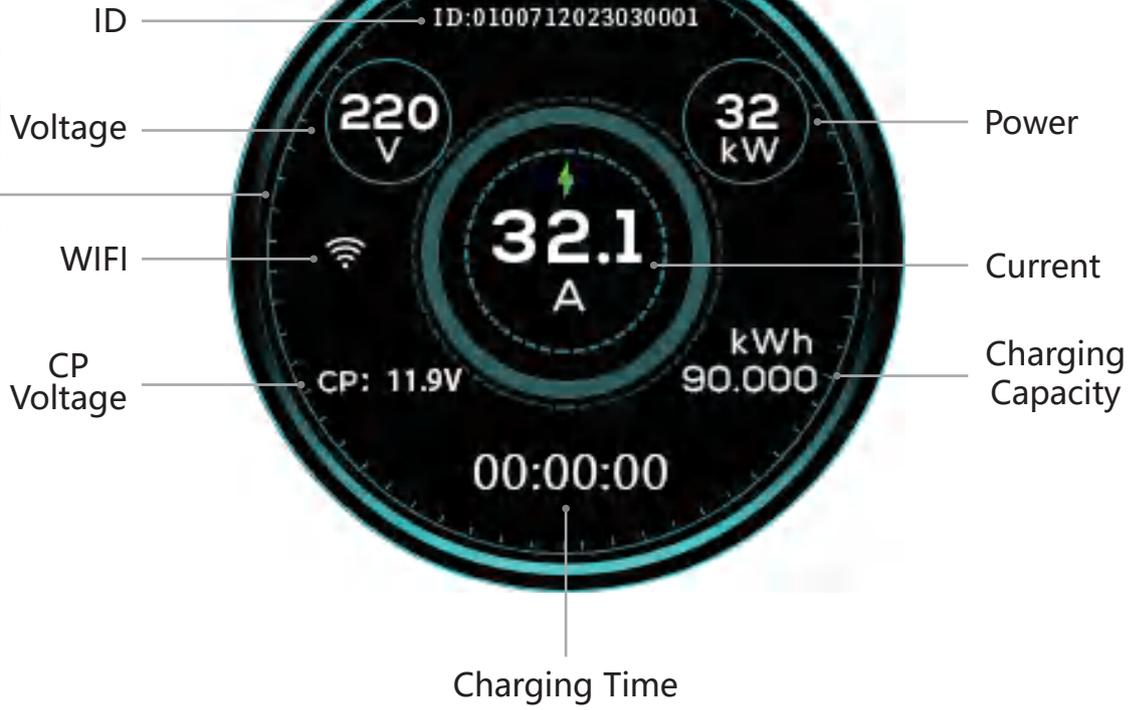
Indicator light:  
always on green





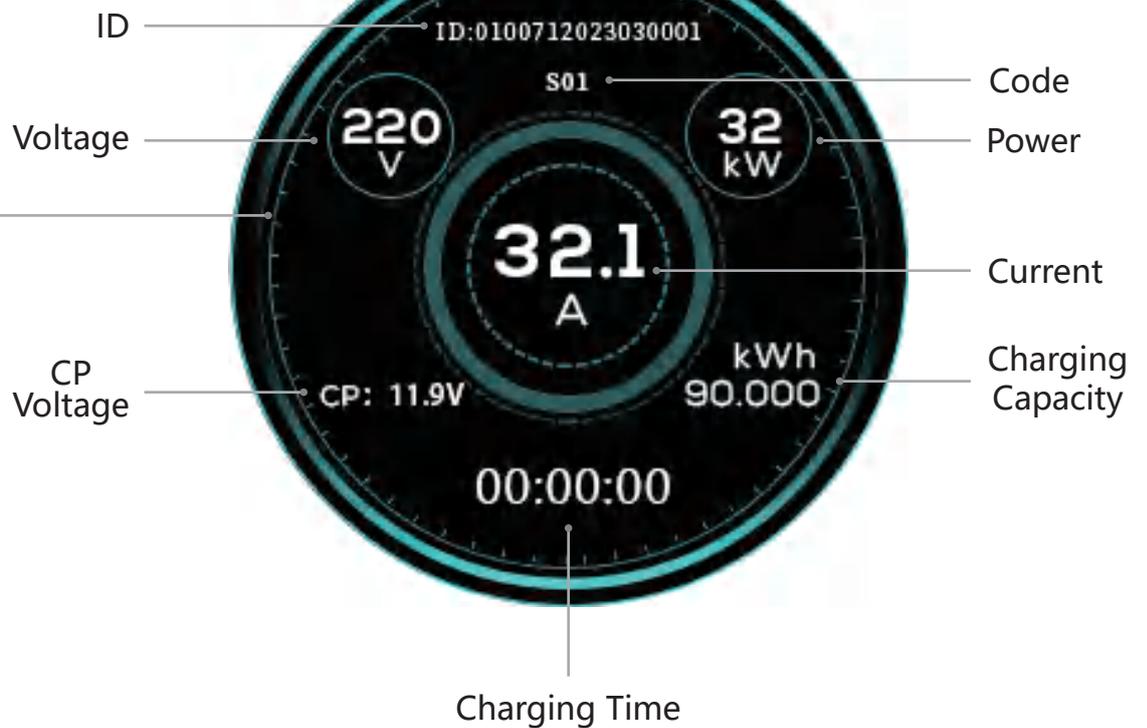
**Connect**

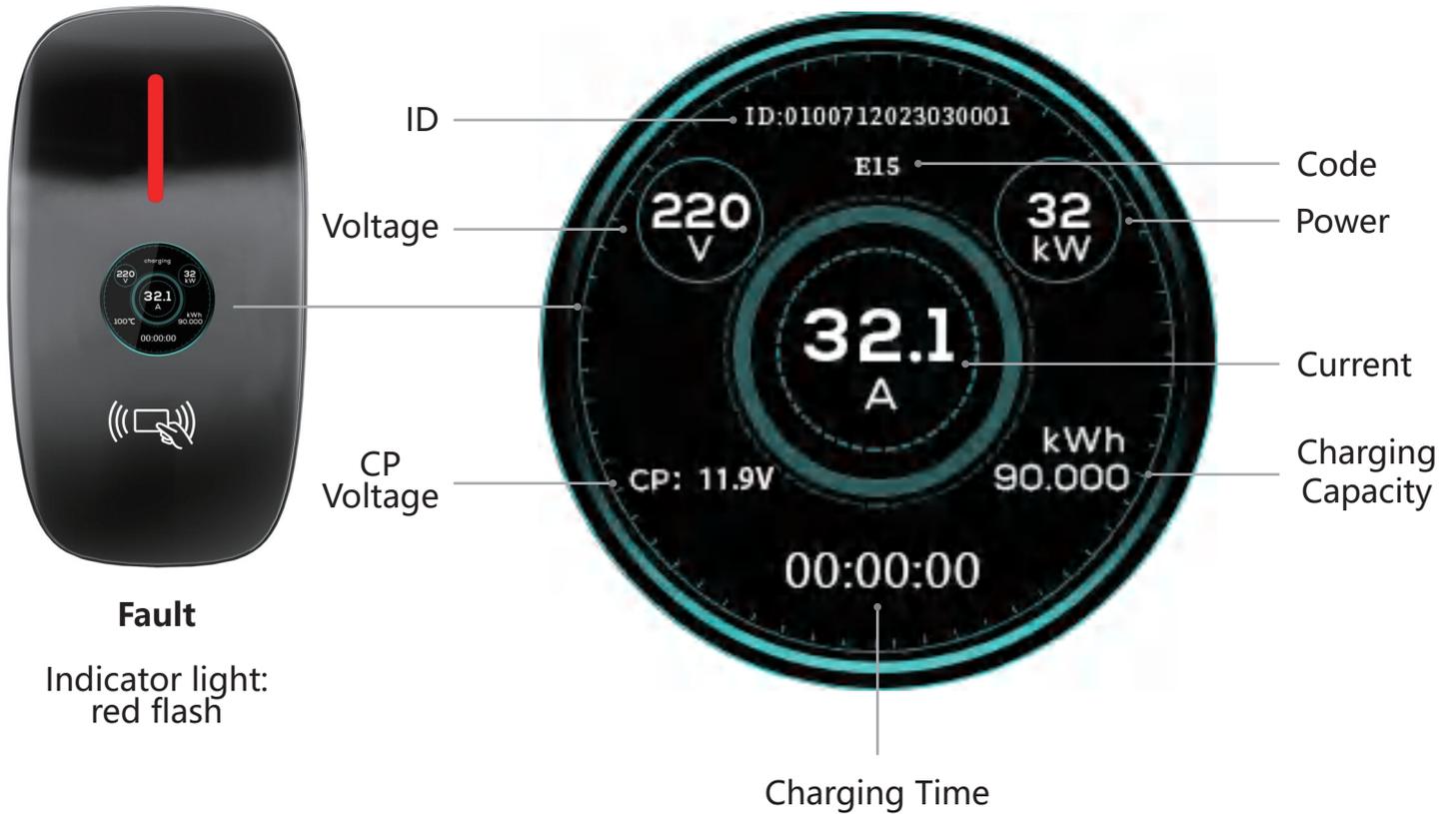
Indicator light:  
green flash



**Delay**

Indicator light:  
always on blue





## 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

Operating State	Indicator Light State			Code
	Red	Green	Blue	
PCB main board 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