

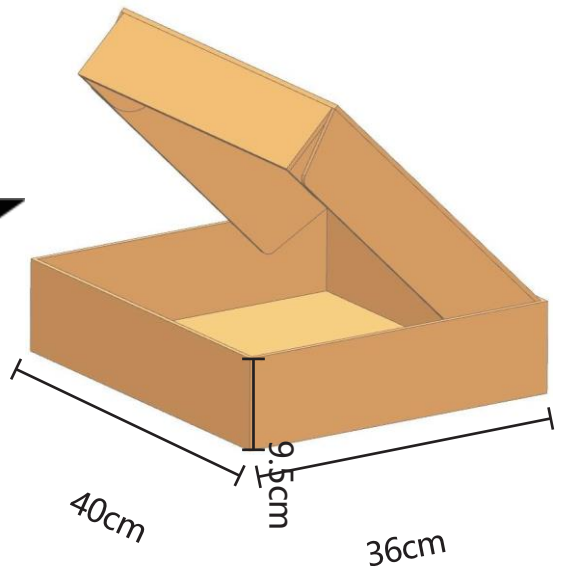
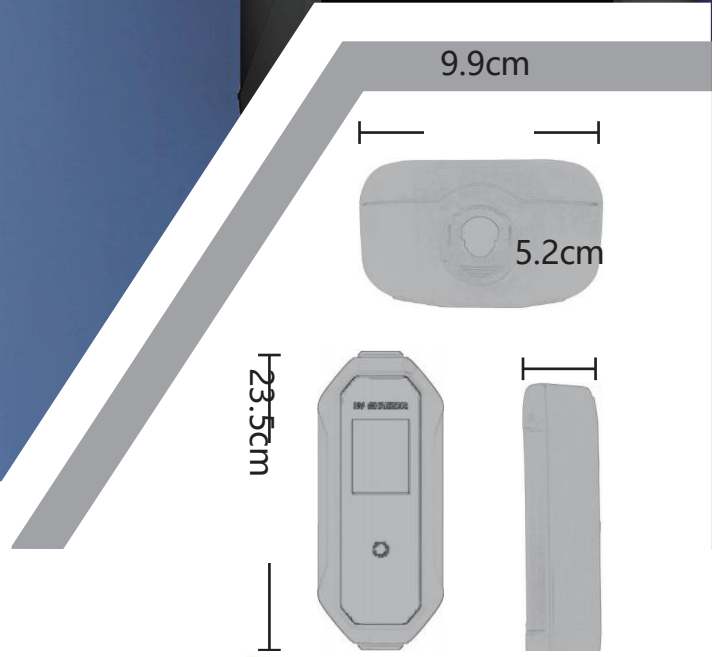
EN



PORTABLE

CHARGER

Product Specification



V1.0



<b>Operating Voltage</b>	230Vac±15%	<b>Leakage Current Protection</b>	AC/A+DC6
<b>Operating Current(max)</b>	16A	<b>CP Voltage Protection</b>	≤±1V
<b>Rated Charging Current(max)</b>	16A max(8A/10A/13A/16A)		
<b>Rated Output/input Voltage</b>	230Vac	<b>Over-temp Protection</b>	80°C(protect) 60°C(recover)
<b>Operating Temperature</b>	-25°C~+50°C	<b>Lightning Protection</b>	√
<b>Storage Temperature</b>	-40°C~+80°C	<b>Relay Bonding</b>	√
<b>Enclosure Protection Class</b>	IP54	<b>Ground Protection</b>	√
<b>Human Computer Interaction</b>	2.8 inch & Touch key		
<b>Over-voltage Protection</b>	265v±5	<b>Cooling Method</b>	Natural cooling
<b>Under-voltage Protection</b>	85v±5	<b>Communication Method</b>	None
<b>Over Current Protection</b>	≥110% Rated output	<b>Body Dimension</b>	235*99*52 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 IP54



Multiple security protection



High efficiency charging

# PROTECTION FUNCTION



Over-voltage Protection



Under-voltage Protection



Over-temp Protection



Lightning Protection



Overload Protection

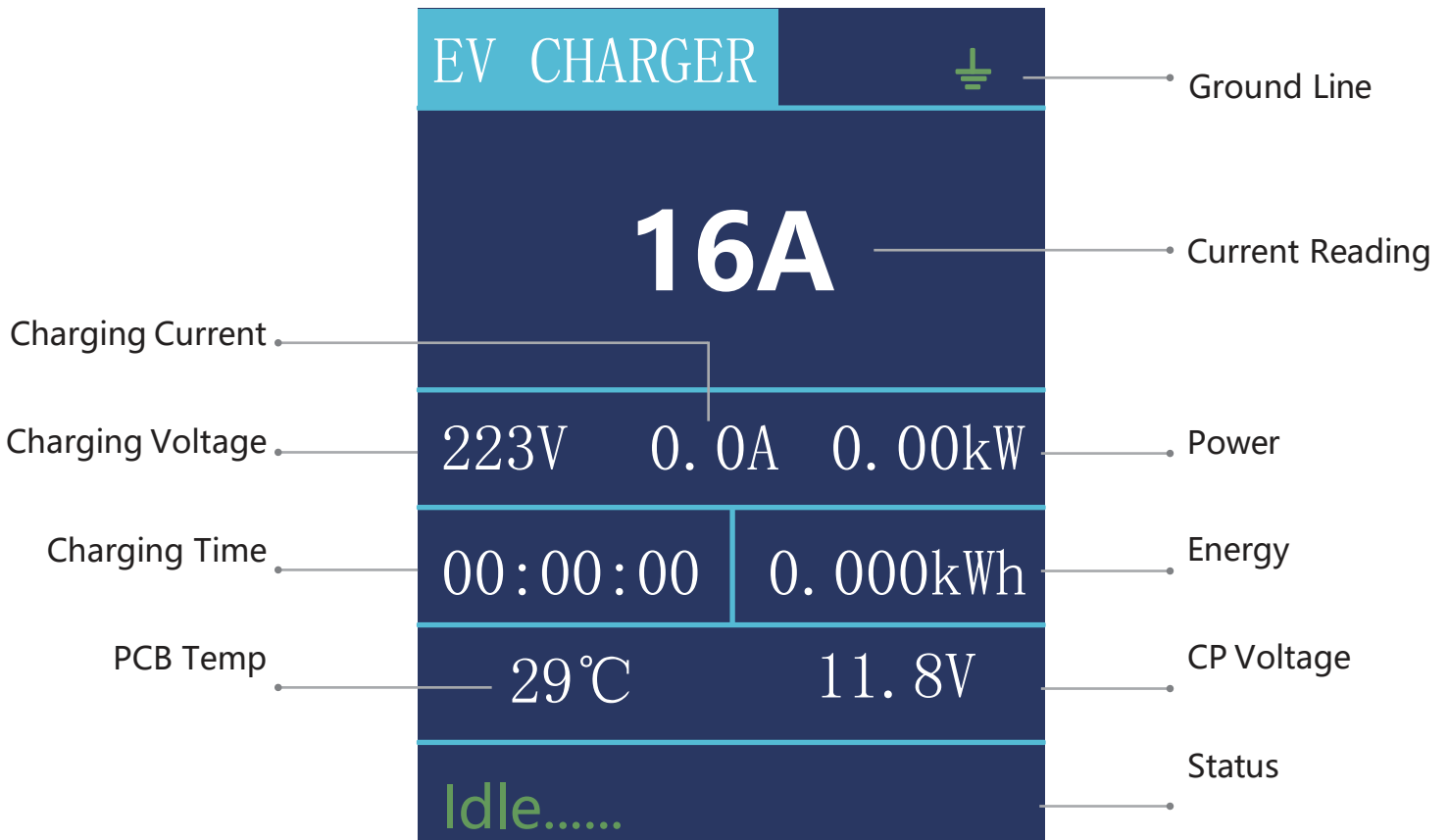


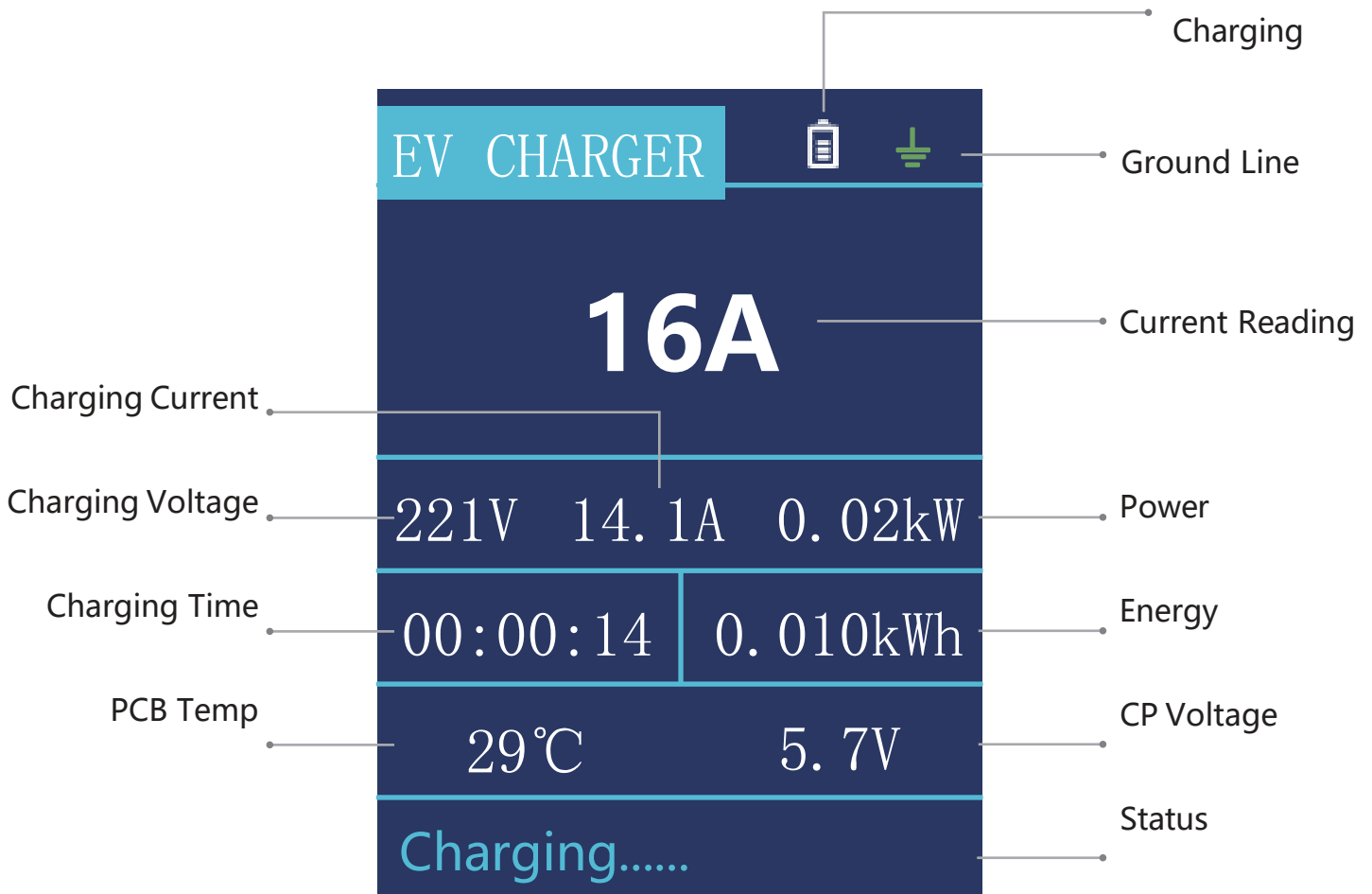
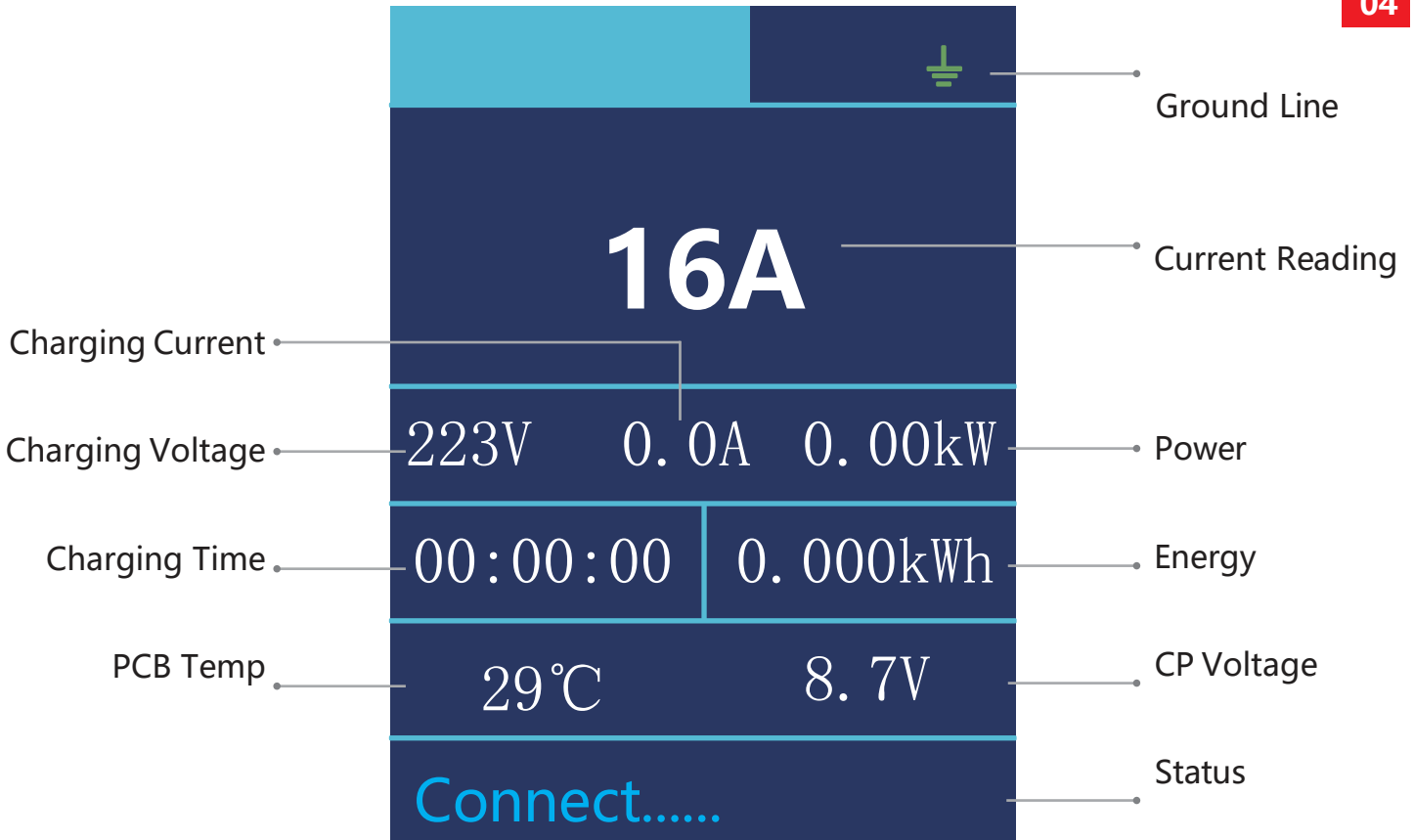
Leakage Protection

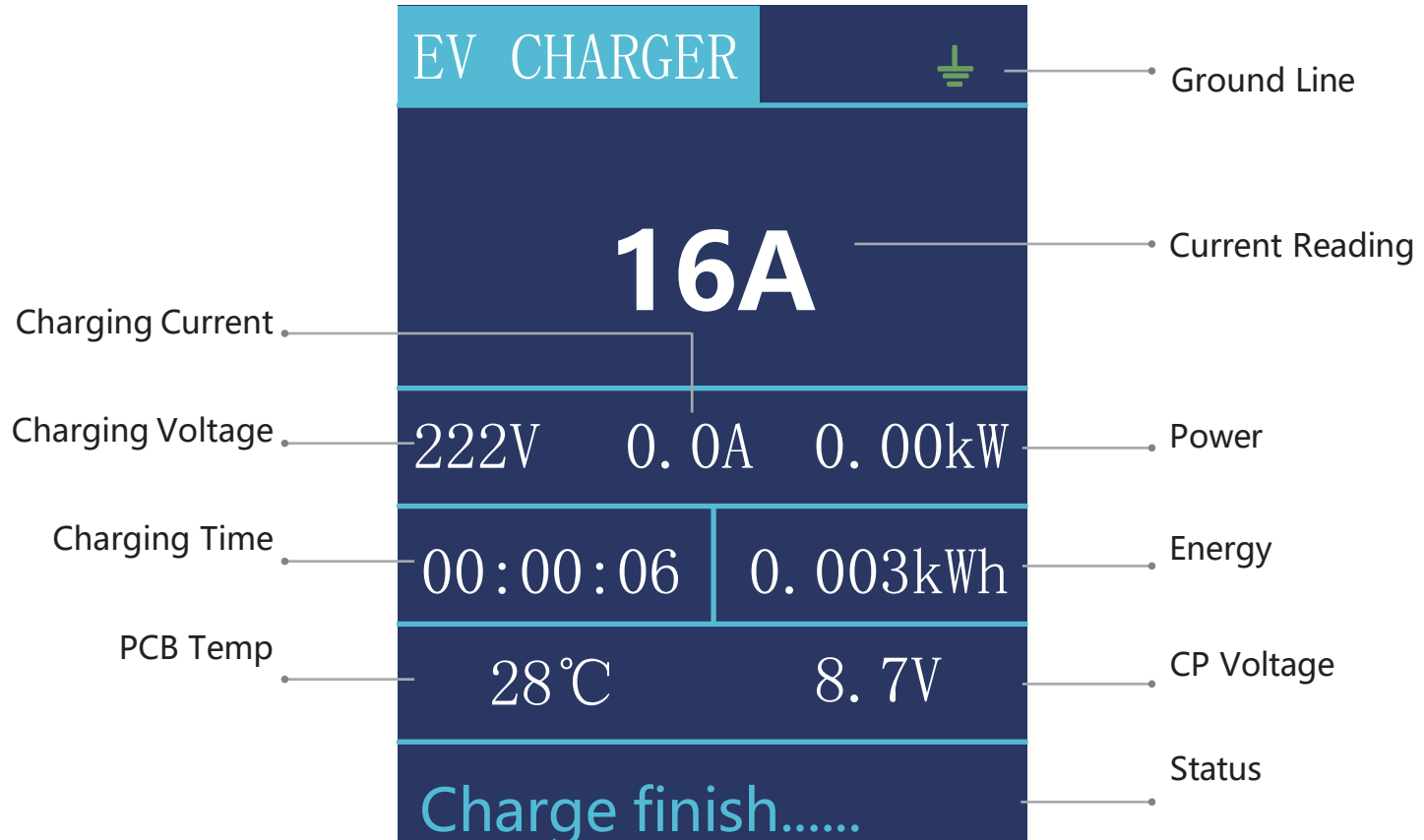
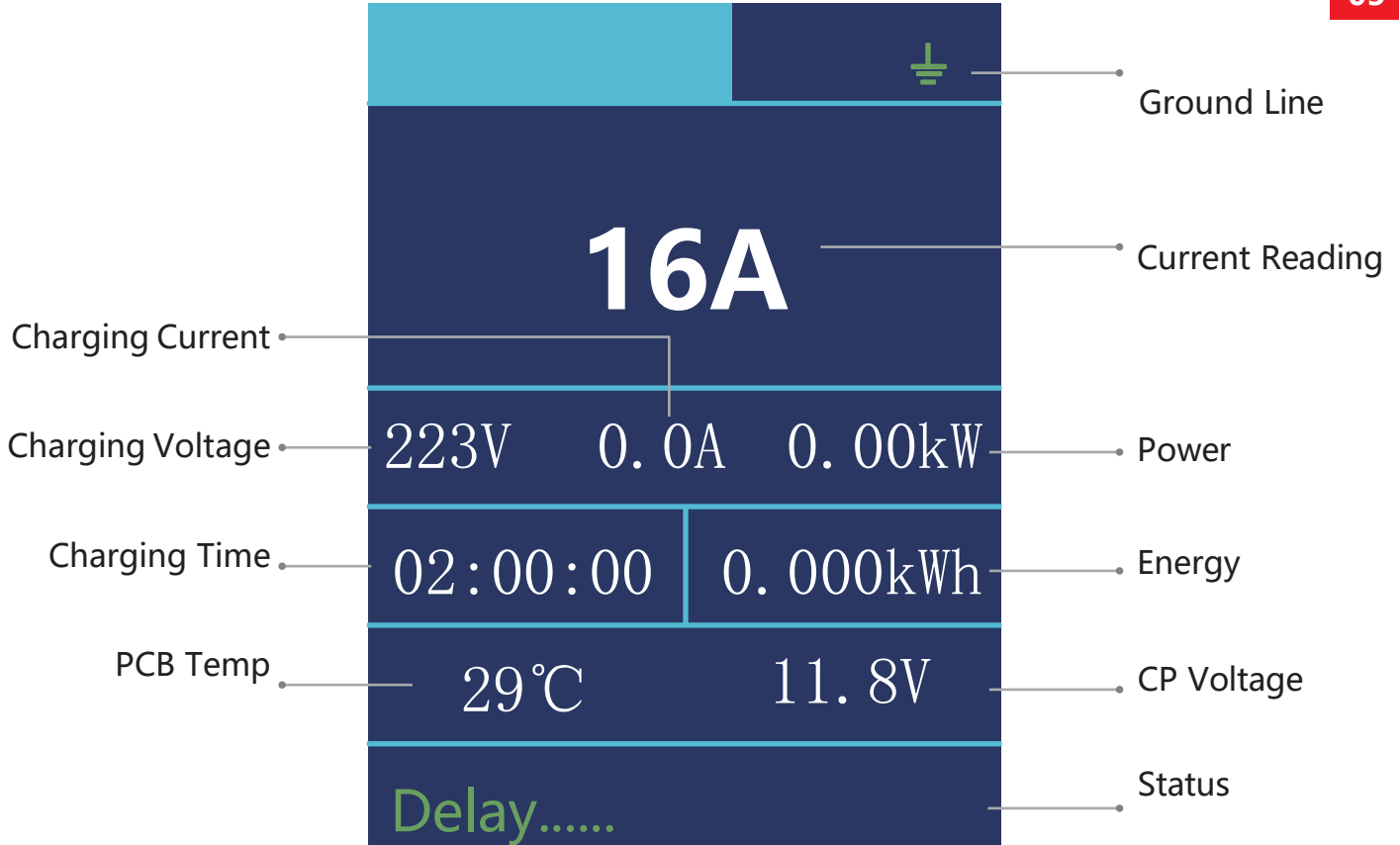


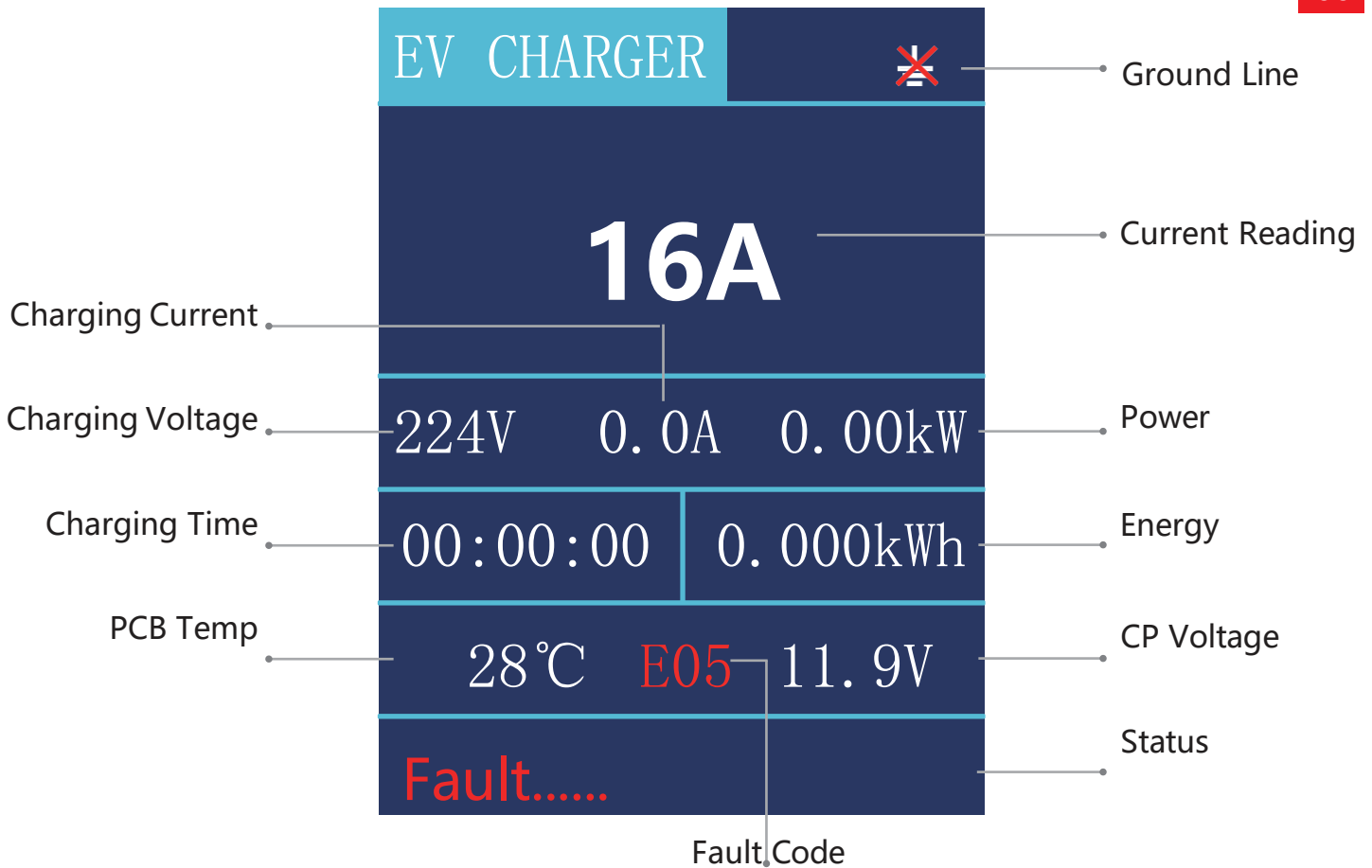
Relay Bonding Protection

# CHARGING PROCESS









## INDICATOR DESCRIPTION

Operating State	Indicator Light State			Code
	Red	Green	Blue	
Idle	/	always on	/	/
Insert charging gun	/	flash	/	/
Charging	/	/	flash	/
Charging complete	/	/	always on	/
Over-voltage protection	flash 1 time	/	/	E01
Under-voltage protection	flash 2 times	/	/	E02
Over-current protection	flash 3 times	/	/	E03

Operating State	Indicator Light State			Code
	Red	Green	Blue	
PCB main board over-temp protection	flash 4 times	/	/	E04
Ground protection	flash 5 times	/	/	E05
CP voltage protection	flash 6 times	/	/	E06
Relay fault	flash 7 times	/	/	E07
Leakage protection	flash 8 times	/	/	E08
Relay bonding protection	flash 9 times	/	/	E09
Leakage self-check abnormality	flash 10 times	/	/	E10
Vehicle diode protection	flash 11 times	/	/	E11
Input charging gun Temp protection	flash 12 times	/	/	E12
Output plug Temp protection	flash 13 times	/	/	E13
Frequency anomaly	flash 14 times	/	/	E14

## 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