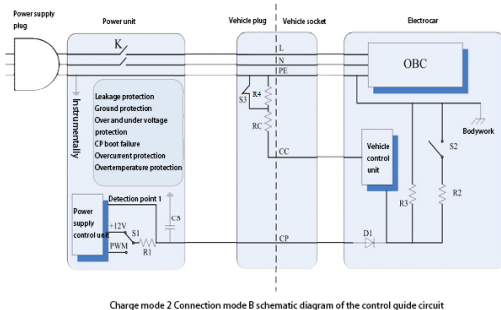


3 Portable AC Charging Gun (Mode 2)



Charging gun indicator light definition			
Functional status	Lamp signal		
	Power supply (blue)	Status (green)	Fault (red)
Original state	Blue(1s)-Green(1s)-Blue(1s)-Red(1s)-Extinguish		
Ununited	Steady light	Extinguish	Extinguish
Connected	Flicker	Extinguish	Extinguish
Normal charging	Extinguish	Respiration (cycle 4s)	Extinguish
End of charge	Extinguish	Steady light	Extinguish
Ungrounded	Extinguish	Extinguish	Steady light
The power-on self-test failed. Procedure	Extinguish	Extinguish	Flash once, stop for 3 seconds, loop
CP communication exception	Extinguish	Extinguish	Blink twice, stop for 3 seconds, loop
Over and under voltage protection	Extinguish	Extinguish	Flash three times, stop for three seconds, loop
Overcurrent protection	Extinguish	Extinguish	Flash four times, stop for three seconds, loop
Earth leakage protection	Extinguish	Extinguish	Flash five times, stop for three seconds, loop
Over-temperature	Extinguish	Extinguish	Flash six times, stop for three seconds, loop

Product model	BHZD-JL-16A
Charging gun implementation standard	GB/T 18487.1&T 18487.2
Cable execution standard	GB/T 33594(Three-plug cable)
Rated operational voltage	250V
Rated operational current	Max 16A
CP duty cycle	26.70%
Drop test	X/Y/Z 6 axes, 3 times each
Input cable specifications (PCBA reserved holes)	L/N/PE: 3X2.5 square/three plug temperature sensing wire: 2X0.75 square
Output cable specifications (PCBA comes with cable and two-core socket)	L/N/PE: 3X2.5 square /C: 2X0.75 square C/CP (cable half stripped)/Two-core plug-in socket for microswitch
Lifetime	Full load 2000 hours
Flame retardant rating	UL94_V0(Overall)
Insulation grade	500V DC & 100MΩ Min
Dielectric strength level	2500V AC 1min
IP RATE	IP55 (Outdoor and indoor)
Operating ambient temperature	-30°C~50°C
Ambient humidity	5%~95%
Working altitude	2000m
Indicator fault priority	Leakage current - Overtemperature - Overcurrent -CP abnormal communication - Overvoltage and undervoltage - Ground
EMC	Meet GB/ T8487.2&T /CSAE142-2020
RC/R4 resistance	Meet the GB/T8487PCBA integration of the two. 2&T /CSAE142-2020 resistors and integration of a corresponding two-core plug-in socket, connected to the micro-switch two-core plug-in plug
LED	Integrated left and right piles of LED lights on the PCBA
Gun length	The line is 5 meters long



Charge mode 2 Connection mode B schematic diagram of the control guide circuit