

AC Charging Plug (for charging station)



Model

LC-EVAC-16A-E-500
 LC-EVAC-32A-E-500
 LC-EVAC-32A-E-500-3
 LC-EVAC-63A-E-500-3



Product Definition

Product type	AC charging gun for charging station, with free cable outlet
Standards/regulations	GB/T 20234.2-2015
Charging mode	Mode 2.3
Charging current type	AC

Features

Rated current of power contact	16A、32A、63A
Rated voltage of power contact	250V、440V
Power pin number	5 (PE,L1,L2,L3,N)
Signal contact number	2 (CC,CP)
Signal contact temperature rise	< 50k
Connection method	Press, inseparable
Plugging or unplugging force when coupling	≤80N
Plugging/unplugging cycle	> 10000 times
Operating temperature	-30°C~50°C
Impact resistance	Withstand falling from 1 meter height and 2 tons weight of vehicle
Insulation resistance	> 1000MΩ
Protection grade	IP55 (when plugging) ,IP54 (with cap)

Cable Configuration

Model	Rated current	Cable specification	Color
LC-EVAC-16A-E-500	16A	3×2.5mm ² +2×0.75 mm ²	orange black
LC-EVAC-32A-E-500	32A	3×6 mm ² +2×0.75 mm ²	orange black
LC-EVAC-32A-E-500-3	32A	Three phase 5×6 mm ² +2×0.75 mm ²	orange black
LC-EVAC-63A-E-500-3	63A	Three phase 5×16 mm ² +2×0.75 mm ²	orange black

Applied Materials

Enclosure color	dark grey and elegant black (normal)
Enclosure material	thermoplastic materials, flame retardant grade UL 94 V-0
Pin	copper alloy with silver plating surface and top insulation