

# GB/T AC CHARGING PLUG

GB/T

Standardization Administration of the People's Republic of China

Introduction

Conform to the provisions and requirements of <Connection set for conductive charging of electric vehicles> GB/ T 20234.2-2015.

Using riveting pressure process with none screw and beautiful appearance

.Hand - held design conform to the ergonomic principle, easy plug.

The head of pins using safety insulation design to prevent direct contact with the hand.

Reliable material ,flame retardant, presssure proof , wear - resisting , impact resistance, high oil proof .



Feature

- GB/T Interface
- IP55
- Coating



Material

- PC+PBT Alloy
- TPE/TPU
- Copper Alloy, Silver Plated
- Silicon Ruber

Customized Coating



Cable Assembly

- Picture



| Specification | Code | Current | Voltage | Cable Specification                         |
|---------------|------|---------|---------|---------------------------------------------|
| AG-GAC-16P-2  | 1002 | 10/16A  | 250V    | 3*2.5mm <sup>2</sup> +2*0.75mm <sup>2</sup> |
| AG-GAC-32P-4  | 1006 | 32A     | 250V    | 3*6mm <sup>2</sup> +2*0.75mm <sup>2</sup>   |
| AG-GAC-16P-3P | 1009 | 16A     | 440V    | 5*2.5mm <sup>2</sup> +2*0.75mm <sup>2</sup> |
| AG-GAC-32P-3P | 1010 | 32A     | 440V    | 5*6mm <sup>2</sup> +4*0.75mm <sup>2</sup>   |

| GB/T AC Charging Plug |                   |
|-----------------------|-------------------|
| Current               | 10A/16A/32A       |
| Voltage               | 250V/440V         |
| Charging Standard     | GB/T 20234.2-2015 |

| Customization Options |       |
|-----------------------|-------|
| Cable Length          | Yes ☑ |
| Cable Color           | Yes ☑ |
| Plug Color            | Yes ☑ |
| Logo Printing         | Yes ☑ |

| Mechanical Properties    |                                 |
|--------------------------|---------------------------------|
| Mechanical Life          | No-load Plug>10000              |
| Impact of External Force | 1m Drop and 2T Vehicle Run Over |
| Flame Retardant Grade    | UL94 V-0                        |
| Operating Temperature    | -30℃~+50℃                       |
| Protection               | IP55 IK08                       |
| Insertion Force          | <100N                           |

| Electrical Performance |                   |
|------------------------|-------------------|
| Insulation Resistance  | >1000 MΩ(DC 500V) |
| Pins Temperature Rise  | <50K              |
| Withstand Voltage      | 2500V             |
| Contact Impedance      | 0.5 MΩ MAX        |