GB/T DC Small Charging Connector

Product Introduction

AUPINS GB/T DC Small Charging Connector is a product developed in accordance with GB/T 20234.3-2015. The handle design conforms to the principles of ergonomics and feels comfortable. The unique heat dissipation structure design greatly reduces the operating temperature of the charging gun. The built-in switch and electronic lock module have more stable quality and performance and are easier to repair and replace. The locking bayonet anti-loosening device can ensure a stable and reliable connection.



Product Features

- Ergonomic and comfortable handheld design
- Fast charging speed
- Vehicle plug with built-in lock and protective cover
- We can customize the cable length, color, and redesign according to customer requirements

Technical performances

01 Mechanical Performance

Mated force：<140N
Mated cycles：10000 Cycles (Unload)
Interface standards: GB/T20234.3-2015
Outer sheath material: black, rubber

02 Electrical performance

Voltage: 750V /1000V DC
Current: 80A/125A/200A/250A
Insulation resistance：>2000MΩ
Withstand voltage：3500V AC

03 Environmental performance

Operate Temperature：-40℃ ~ +50℃
Pollution Degree：Level 3
IP Class：IP55
Flame class：UL94-V0

Performance Specifications

GB/T DC Small Charging Connector							
Code	Type	Rated current	Rated voltage	Withstand voltage	Insulation resistance	Wire harness specification	Cable outer diameter
26008	AP-GDC-S10P	10A	750V/1000V	3500V AC	>2000MΩ	1.5mm²	19±1
26009	AP-GDC-S16P	16A	750V/1000V	3500V AC	>2000MΩ	2.5mm²	19±1
26010	AP-GDC-S32P	32A	750V/1000V	3500V AC	>2000MΩ	6mm²	23±1
26011	AP-GDC-S80P	80A	750V/1000V	3500V AC	>2000MΩ	16mm²	24±1