GB/T DC Charging Connector

Product Introduction

AUPINS GB/T DC Charging Connector is a product developed in accordance with GB/T 33594-2017. 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

- The handheld design is ergonomic and comfortable
- The product protection level is up to IP55
- Provide OEM/ODM
- We can customize the cable length, and color, and redesign it according to customer requirements

Technical performances

01 Mechanical Performance

Mated force：<140N
Mated cycles：10000 Cycles (Unload)
Cable standard: GB/T 33594-2017
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 Charging Connector								
Code	Type	Output current	Output voltage	Harness specification	Cable length	Color of DC gun shell	Resistance Value of Rc	Cable O.D
26001	AP-GDC-80A	80A	750V/1000V	20mm²	5.1m (customize)	White/Black	1000Ω	33.5±1
26002	AP-GDC-125A	125A	750V/1000V	35mm²	5.1m (customize)	White/Black	1000Ω	36.5±1
26003	AP-GDC1-200A	200A	750V/1000V	50mm²	5.1m (customize)	White/Black	1000Ω	37.5±1
26004	AP-GDC2-200A	200A	750V/1000V	70mm²	5.1m (customize)	White/Black	1000Ω	37.5±1
26005	AP-GDC1-250A	250A	750V/1000V	70mm²	5.1m (customize)	White/Black	1000Ω	40±1
26006	AP-GDC2-250A	250A	750V/1000V	80mm²	5.1m (customize)	White/Black	1000Ω	40±1
26007	AP-GDC3-250A	250A	750V/1000V	2*35mm²	5.1m (customize)	White/Black	1000Ω	30.5±1