

GB/T DC CHARGING SOCKET

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.

Electromagnetic locking device (can match with hela lock) , integrated with signal feedback.

Protection cap can be installed on the left side, the right side or the front of it. Reliable material with consolidated quality, strengthened metal interface. Flame retardant, pressure proof , wear-resisting , impact resistance.



Feature

- GB/T Interface
- IP55

Material

- PC+PBT Alloy
- Copper Alloy, Silver Plated

Accessory

- Electromagnetic Lock

Metal Socket for options

Specification	Code	Current	Voltage	Cable Specification
AG-GDC-32S	1037	32A	1000V	3*6mm ² +2*4mm ² +2*2*0.75mm ² +2*(3*0.75mm ²)
AG-GDC-40S	1038	40A	1000V	3*10mm ² +2*4mm ² +2*2*0.75mm ² +2*(3*0.75mm ²)
AG-GDC-80S	1039	80A	1000V	2*20mm ² +1*25mm ² +2*4mm ² +2*0.75mm ² (P2) +5*0.75mm ²
AG-GDC-125S	1040	125A	1000V	2*35mm ² +1*25mm ² +2*4mm ² +2*0.75mm ² (P2)+5*0.75mm ²
AG-GDC-150S	1041	150A	1000V	2*50mm ² +1*25mm ² +2*4mm ² +2P(4*0.75mm ²)+2P(2*0.75mm ²)
AG-GDC-200S-1	1042	200A	1000V	2*70mm ² +1*25mm ² +2*4mm ² +2*0.75mm ² (P2)+5*0.75mm ²
AG-GDC-250S	1044	250A	1000V	2*95mm ² +1*25mm ² +2*4mm ² +2*0.75mm ² (P2)+5*0.75mm ²

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Current	32A/40A/80A/125A/150A/200A/250A
Voltage	1000V
Charging Standard	GB/T 20234.2-2015

CUSTOMIZATION

Cable Length	Yes ☑
Cable Color	Yes ☑
Logo Printing	Yes ☑

Mechanical Properties

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

Electrical Performance

Insulation Resistance	>2000MΩ (DC1000V)
Pins Temperature Rise	<50K
Withstand Voltage	4500V (DC+/DC-/PE)
Contact Impedance	0.5 MΩ MAX