

# GB/T DC 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.

Have one or two PTC (PT1000) thermistor.

Have a electromagnetic locking device (can match with hela lock) ,have functions of signal feedback.

Developed for portable DC charging pile ,beautiful appearance with hand - held design and small in volume make installation easily, insertion and with-drawal conveniently .



## Feature

- GB/T Interface
- IP 55



## Cable Assembly

- Picture



## Material

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

Product code	Speed Code	Rated current	Rated Voltage	Cable Specifications
AG-GDC-32P-3	1020	32A	1000V	3*6mm <sup>2</sup> +2*4mm <sup>2</sup> +4*0.75mm <sup>2</sup> (P2)
AG-GDC-40P-2	1022	40A	1000V	3*10mm <sup>2</sup> +2*4mm <sup>2</sup> +2* (2*0.75mm <sup>2</sup> ) (P2) +2*(3*0.75mm <sup>2</sup> )

## GB/T DC Charging Plug

Current	32A/40A
Voltage	1000V
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 times
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	>2000MΩ (DC1000V)
Pins Temperature Rise	<50K
Withstand Voltage	4500V (DC+/DC-/PE)
Contact Impedance	0.5 MΩ MAX

## Certificate

Certificate	CQC, RoHS
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