

GB/T AC  
V2L PLUG

GB/T

Standardization  
Administration of  
the People's  
Republic of China

Introduction

As the battery of electric vehicles is getting bigger, many vehicle brands apply V2L (Vehicle to Load), that is, external discharge function of electric vehicles. The direct current of the power battery is converted into alternating current to meet the needs of users using electrical appliances.



Feature

- GB/T Interface
- IP55
- Coating



Vehicle Application

- BYD
- Hongqi E-HS3、E-HS9
- Lynk&Co 06PHEV、09PHEV
- Other with V2L Function

Customized



Scenario

- camping
- V2L

Specification	Code	Current	Voltage	Cable Specification
AG-GAC-V2L	1050	16A	250V	3*2.5mm <sup>2</sup> +2*0.75mm <sup>2</sup>

GB/T AC V2L Plug	
Current	16A
Voltage	250V
Charging Standard	GB/T 20234.2-2015

Customization	
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°C~+50°C
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