

V2L AC Discharge Connection Device

Product Instruction Manual

Model : EVP2-V-16A5-E/X-0L8U

Type : Type F
(P6608135735)



Nanjing Kangni New Energy Auto Part Co., Ltd.

AC DISCHARGE CONNECTION DEVICE

(VEHICLE INLET TO HOUSEHOLD SOCKET)



•In order to help you use this product properly. Please read this user's manual carefully before use.

1.Application

The product complies with IEC 62196 , VDE 0620 etc. Electric vehicle is used as power supply to transmit power to appliances.

2.Parameters

Standards	IEC 62196/VDE 0620/IEC 60884
Rated Voltage	250V AC
Maximum power	4000W
Insulation resistance	≥100MΩ(test voltage 1000V/DC 60s)
Dielectric Strength	2000VAC/1min
Insertion force	Vehicle connector : ≤80N
	Household socket: pull-out force ≤54N
Lifecycle	Vehicle connector: ≥10000 times
	Household socket: ≥10000 times
Storage temperature	-40℃ ~ +85℃
Operating mperature	-30℃ ~ +55℃
IP degree	Vehicle connector: IP67 IP54 mated with cover;IP55 mated with socket
Overload protection	Disconnected within 1H when the current is higher than 24A; Disconnected within 16S when the current is higher than 48A.
Type	EVP2-V-16A5-E/X-0L8U

Fig1

3. Schematic diagram

Based on standard, please refer to figure 2 as the wiring schematic diagram.

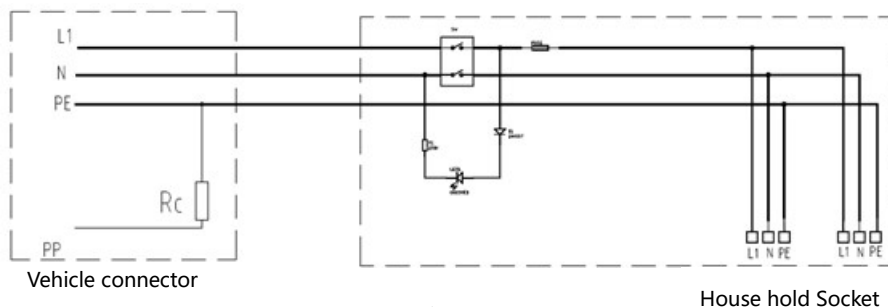


Fig2

4. How to use

1. Take out discharge device and open the vehicle flap. Insert the vehicle connector into vehicle inlet (Fig.3).

 Please ensure the vehicle connector is fully inserted.

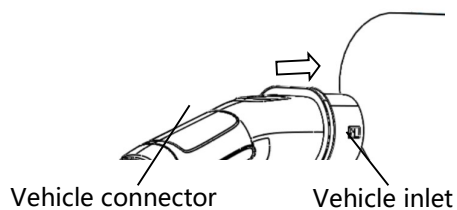




Fig3

2. Plug the vehicle connector into vehicle inlet and the product can be used normally only after the light indicator is on.

5. Safety precautions

Symbol usage

 **CAUTION** This symbol indicates that improper operation may be dangerous to the user's safety or may cause a certain degree of damage to the hardware.

 **WARNING** This symbol indicates that improper operation may be dangerous to the user's safety or cause serious damage to the hardware.

CAUTION!

1. Please do not immerse the product in water during use.
2. Please do not step on the charging cable, pull the cable, bend or tie the cable.
3. Please do not put the product near high temperature object.
4. This product cannot be disposed as the household waste, otherwise may cause potential harm to the environment and human health.
5. Before use, please ensure that there is no water or foreign matter inside the vehicle connector and the port of household socket, and ensure that the metal terminals are not rusted or corroded, otherwise the discharge will be affected and even a risk of electric shock.

WARNING!

1. It is strictly forbidden to use the product if any damages happen to the product such as worn of cable, break of insulation layer and so on.
2. Please stop using if dust is found inside the household socket, and please remove dust and other sundries regularly.
3. It is strictly forbidden to use extra wires or adapters.
4. This device does not contain user repairable components. Please do not attempt to repair or maintain the device by yourself.
5. It is strictly forbidden to touch or plug-in or plug-out the plug when hands are wet or standing in the water, otherwise it may cause personal injury by electric shock.
6. Please do not use the product in rainy days if there is no canopy.
7. Please stop using immediately and do not touch the vehicle when lightning.

