

EVI's Portable EV Charging Cord

PC-0114 User Manual



IMPORTANT OPERATING AND SAFETY INSTRUCTIONS

Carefully read these instructions and your vehicle owner's handbook before charging your EV.

CHARGING INSTRUCTIONS

1. Unpack charging cord and press power button down
2. Connect charging cord to appropriate power outlet
3. Confirm blue and green LED status lights illuminated
4. Connect charging cord to EV charge port
5. Confirm blue and red LED status lights illuminated
6. Verify proper charging status on EV dash and/or display

ADJUSTING CHARGING CURRENT INSTRUCTIONS

1. Connect charging cord to power source
2. Determine the preselected charging level
3. Hold and shake controller box left-to-right to toggle
4. Select and confirm the desired charging level chosen
5. Place controller box in resting position
6. Connect charging cord to EV charge port

CHARGING CORD FEATURES

EVI's portable charging cord (PC-0114) meets SAE/IEC requirements while providing the following functions:

- Overvoltage protection
 - Under-voltage protection
 - Over-current protection
 - Over temperature protection
 - Ground default and electric leakage protection
- If activated, the above protection functions will terminate charging and cord will enter "fault mode".

SAFETY GUIDELINES

- Use PC-0114 with EVs with a conductive charge port.
- Make certain to operate/position PC-0114 so it will not be submerged in water or subjected to damage or stress.
- Do not attempt to repair or service PC-0114 yourself as there are no user serviceable parts inside.
- Do not operate PC-0114 if it is visibly damaged.

VENTILATION

Warning: Some EVs require an external ventilation system to prevent the accumulation of hazardous or explosive gases when charging indoors. Check the vehicle's owner's handbook to determine if your vehicle requires ventilation during indoor charging.

Caution: DO NOT charge your vehicle indoors if it requires ventilation.

MAINTENANCE

PC-0114 requires no maintenance other than occasional cleaning. Clean the charging cord using a soft cloth lightly moistened with mild detergent solution. Never use any type of abrasive pad, scouring powder, or flammable solvents such as alcohol or benzene.

Warning: Be cautious while cleaning PC-0114 to reduce the risk of electrical shock or equipment damage.

Specifications and Technical Parameters			
Charging Current	8 16 A	Controller Box (cm)	7.6 X 5 X 17.7
Voltage Range (AC)	230 V \pm 10%	Enclosure IP Rating	IP55
Frequency Range (AC)	50 60 Hz	Mechanical Life (min)	10,000 charge cycles
Max Continuous Power	1.8 3.8 kW	Temp Range (C)	-25° to +105°
Power Source (AC)	Single Phase	Humidity Rate	95%
Weight	6 lbs	Pollution Class	2
Length of Cord	18 ft	Thermal Monitoring	In Controller Box

Charging Contact Element's Electrical Specifications			
	Power Transfer Terminal	Control Signal Transmission Terminal	Grounding Terminal
Terminal Quantity	2 couples	2 couples	1 couple
Rated Voltage	250V AC	36V	N/A
Rated Current	16A	2A	N/A
Stress Level	3000V	2500V	2500V

PLEASE NOTE

This document includes the latest information at the time of printing. EVI reserves the right to make changes to this product without further notice. Changes or modifications to this product by other than an authorized service facility could void the product warranty.