

DEWALT[®]

EV CHARGER

**INSTRUCTION MANUAL
MANUAL DE INSTRUCCIONES
INSTRUCTION MANUAL**

DXPAEV016

16 Amp Portable Vehicle Charger

[ES-Product Name]

[FR-Product Name]



⚠ WARNING: *Read all instructions before operating product. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

⚠ WARNING: *This product or its power cord contains lead, a chemical known to the State of California to cause cancer and birth defect or other reproductive harm. Wash hands after handling. For more information go to www.P65Warnings.ca.gov*



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Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

⚠ DANGER: Indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**.

⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, **could** result in **death or serious injury**.

⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, **may** result in **minor or moderate injury**.

NOTICE: Indicates a practice not related to personal injury which, if not avoided, **may** result in **property damage**.

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS DEWALT EV CHARGER, CALL US TOLL FREE AT: **1-855-815-1171**

16AMP PORTABLE VEHICLE CHARGER

- The product is intended to charge electric vehicles compatible with SAE J1772 AC Level 2 charging standard.
- The product is intended to be used in indoor and protected outdoor areas.
- The product is intended for household use only. Not for use in commercial garages. A COMMERCIAL GARAGE is defined as a facility or portion of a facility, also used to house or repair internal combustion engine vehicles, in which vapors from flammable liquids (gasoline) are present.

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO RISK OF FIRE OR ELECTRIC SHOCK!



Read these instructions carefully and retain them for future use. If this product is passed to a third party, then these instructions must be included.

⚠ WARNING: When using electric products, basic precautions should always be followed, including the following. This manual contains important instructions for models DXPAEV016 that shall be followed during, operation and maintenance of the unit.

⚠ WARNING: Risk of electric shock! Do not disconnect under load.

⚠ WARNING: This product is intended only for charging vehicles not requiring ventilation during charging.

⚠ WARNING: Use of the product may affect or impair the operation of any medical or implantable electronic devices, such as an implantable cardiac pacemaker or an implantable cardioverter defibrillator. Check with your electronic device manufacturer concerning the effects that charging may have on such electronic devices before using the product.

⚠ WARNING: Do not use this product if there is any damage to the unit.

⚠ WARNING: Do not expose to liquid, vapor or rain

⚠ WARNING: Risk of electric shock. Do not remove cover or attempt to open the enclosure. No user serviceable parts inside. Refer servicing to qualified service personnel.

- Read all the instructions before using this product.
- Use supervision when operating this product around children
- Do not put fingers into the electric vehicle connector.
- Do not use this product if the flexible power cord or EV cable is frayed, has broken insulation or any other signs of damage.

- Do not use this product if the enclosure or the EV connector is broken, cracked, opened or shows any other indication of damage.
- To avoid a risk of fire or electric shock, do not use this device with an extension cord.
- Do not operate the product in temperatures outside its operating range of -22 °F to +122 °F (-30 °C to +50 °C).
- Do not put inflammable, explosive or combustible materials, chemicals, combustible steam or other dangerous goods near the product.
 - The electric vehicles can only be charged with the engine off and stationary. Do not start the engine when the charging handle is still connected.
 - Do not touch the terminals or other current-carrying parts when your hands are wet.
 - Do not trample or drive over the product's cables.
 - Do not put any foreign objects into the enclosure.
- Do not use power generators as a power source for charging electric vehicles.
- Do not use the product when either you, the vehicle or the product is exposed to severe rain, snow, electrical storm or other inclement weather.
- Do not use or store the product in a recessed area or below the floor level. Position the product main unit at least 18" (46 cm) above the floor level.

⚠ WARNING - Specific Safety Instructions for Cord-Connected Product

⚠ WARNING: If this product is installed outdoors, the outlet must be rated for outdoor installation. The outlet must be installed properly to maintain the proper NEMA rating of the enclosure.

⚠ WARNING: To reduce the risk of electric shock, connect only to a properly grounded outlet.

⚠ WARNING: To reduce the risk of fire, connect only to a circuit provided with 20 amperes maximum branch circuit overcurrent protection in accordance with the National Electrical Code, ANSI/NFPA 70 and the Canadian Electrical Code, Part I, C22.1.

- Do not plug the product into a damaged, loose or worn outlet. Ensure that the prongs on the plug fit snugly into the outlet.
- Do not disconnect the product from the outlet when the vehicle is charging.

⚠ WARNING - Grounding Instructions for Cord-connected Product

This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠ WARNING: Improper connection of the equipment-grounding conductor is able to result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product - if it will not fit the outlet, have a proper NEMA 6-20 outlet installed by a qualified electrician.

SAVE THESE INSTRUCTIONS

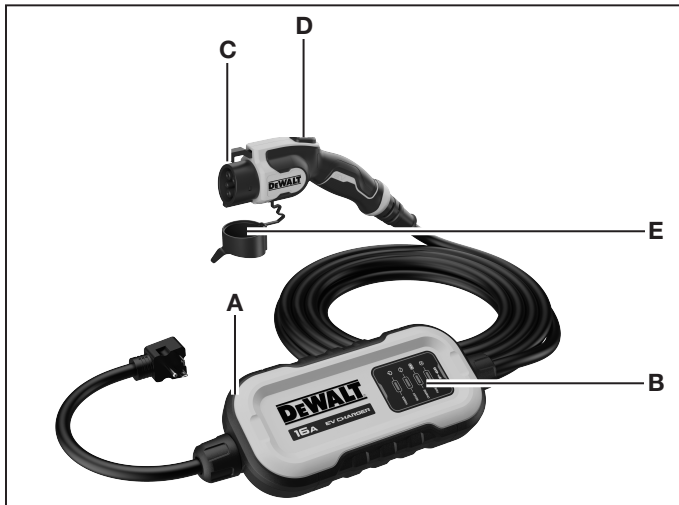
Before First Use

⚠ DANGER: Risk of suffocation! Keep any packaging materials away from children and pets - these materials are a potential source of danger, e.g. suffocation.

- Remove all packaging materials
- Remove and review all components before use.
- Check the product for transport damages.

Main Unit Components

- | | |
|--------------------|---------------------|
| A. Main Unit | D. Release Lever |
| B. LED Indicator | E. Protective Cover |
| C. Charging Handle | |



Installation Instructions

⚠ CAUTION: Protect the product from harsh weather conditions such as rain, snow and extreme temperatures. Consider installing the product under a carport or in a garage.

⚠ CAUTION: Install the product in a safe location away from flammable materials and out of reach of children and pets.

NOTICE: It is recommended to install the product at a sufficient height from grade such that the height of the storage means for the coupling device is located between 24" (600 mm) and 48" (1.2 m) from grade.

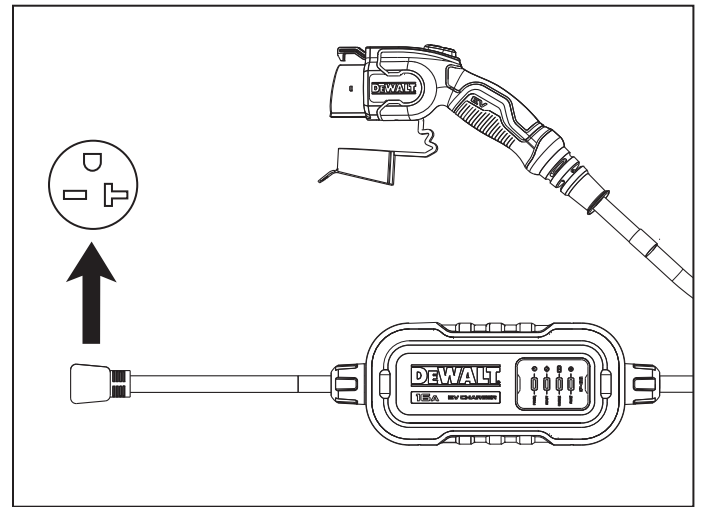
- Install the product within convenient proximity to where there is an existing NEMA 6-20 outlet. Additionally, ensure that the cord or wiring leading into the product has some slack.
- For optimal charging efficiency, place the product as close as possible to the electrical panel to avoid lengthy cable runs.
- Install the product to an easily accessible location for the driver to plug in and out the vehicle. Make sure the installation location allows enough slack for the charging cable to reach the vehicle's charging port.
- The wall used for installation must have the capacity to support the weight of the product and its accessories and must remain level once the installation is completed.
- Avoid installing the product in areas with excessive vibration or elevated temperatures.

Plug-in Installation

⚠ CAUTION: Ensure that the proper dedicated outlet NEMA 6-20 is available for use with this product. Alternatively, a licensed electrician may install a NEMA 6-20 outlet.

⚠ CAUTION: The NEMA 6-20 outlet should be located 20-26 in (500-660 mm) from the ground adjacent to the stud where the product is to be mounted.

1. Connect the power plug to the NEMA 6-20 outlet.
2. Lights up after power on (AC input voltage within the range of 120V-240). Green indicator - 12A. Blue indicator - 16A.
3. Ensure that the charging handle is fully inserted into your vehicle's charging port so it clicks firmly into place. The charging process starts.
4. When your vehicle is fully charged, you can verify the charging status by checking your vehicle's dashboard.



Operating Instructions

LED Indicator

POWER	Blue	12A	Lights up after power on (AC input voltage within the range of 120V-240), Blue indicator - 12A Green indicator - 16A
	Green	16A	
READY	Green		The indicator lights up when charging handle inserted into the vehicle's charging port and lights off when the charging handle is removed.
CHARGE	Green		The indicator lights up when charging process starts and lights off when the charging is complete.
FAULT	Red and Blue		The indicator will lights up when have fault. Please see below table of Error Codes.

Automatic Charging

- With the product powered, it starts charging few seconds after connecting the charging handle to the vehicle's charging port.
- The product automatically detects outlet voltage and maximum allowable input current of your vehicle.
 1. Press the release lever, plug the SAE-J1772 connector of the charging handle to the vehicle's charging port. The charging process starts.
 2. The product switches off automatically once the vehicle's battery is fully charged.

NOTICE: When the charging is complete, press the release lever and unplug the SAE-J1772 connector, covering the handle with item E after use.

User Maintenance Instructions

⚠ WARNING: The product contains no user serviceable parts. Do not attempt to repair or service any other part of the product yourself.

⚠ WARNING: The maintenance, and servicing of the product must only be performed by qualified personnel in accordance with applicable local regulations

⚠ WARNING: Disconnect the charging handle from the vehicle's charging port and switch the circuit breaker off before cleaning.

- Do not use cleaning solvents to clean any part of the product.
- Cover the charging handle with the protective cover before cleaning.
- Regularly clean the product using a soft, dry cloth to remove accumulated dust and dirt.
- Regularly inspect the charging cable and plug for any visible damage or wear.

Moving and Storage Instructions

⚠ WARNING: When transporting the product, handle with care. Do not subject it to strong force or impact or pull, twist, tangle, drag or step on the product, to prevent damage to it or any components.

- Cover the charging handle with the protective cover before storing.
- Protect the product from any external impact.
- Store the product in a dry indoor area and within the storage temperature of -22 °F to +122 °F (-30 °C to +50 °C). Keep away from children and pets.

Free Warning Label Replacement

If warning labels become illegible or are missing, please call 1-855-815-1171 for a free replacement.

Troubleshooting

Problem	Possible solution
The vehicle is not responding or charging.	<ul style="list-style-type: none"> • Verify that the product has power: Ensure that the prongs on the plug fit snugly into the 6-20 outlet. • Verify that the connector of the charging handle fits securely to the vehicle's charging port. • Verify that the vehicle has been turned off. • Inspect the product for damage. If damaged, stop using the product and switch the circuit breaker off. Contact customer service.

Error Codes

Problem	Red and blue light indicator flash exclusively and sequentially in the order of red then blue, number of red/blue sequence occurrences represent different error codes.	
	RED	BLUE
Over voltage/ under voltage	ON	OFF
Over current	ON 2S	FLASH once
Ground fault	ON 2S	FLASH twice
Current leakage	ON 2S	FLASH 3 times
Over temperature	ON 2S	FLASH 4 times
Relay failure	ON 2S	FLASH 5 times
Failed self-check	ON 2S	FLASH 6 times
Communication fault	ON 2S	FLASH 7 times

NOTICE: If power reset can not solve the problem, stop using the product. Switch the circuit breaker off and contact customer service for support.

Accessories

⚠ WARNING: Since accessories, other than those offered by DEWALT, have not been tested with this product, use of such accessories with this product could be hazardous. To reduce the risk of injury, only DEWALT recommended accessories should be used with this product.

If you need assistance regarding accessories, please contact the manufacturer at 1-855-815-1171 or support@dewaltevcharger.com

FCC Statement

FCC Supplier's Declaration of Conformity

Unique identifier:	DXPAEV016
Responsible party:	Paragon Group USA LLC, 100 West Forest Avenue, Unit A, Englewood, NJ07631, USA
U.S. contact information:	Paragon Group USA LLC, 100 West Forest Avenue, Unit A, Englewood, NJ07631, USA
Email:	support@dewaltevcharger.com

FCC Interference Statement

NOTICE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

NOTICE: Per FCC Part 15, changes or modifications to this equipment not expressly approved by DEWALT could void your authority to operate this equipment.

Canada IC Notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

This Class B digital apparatus complies with Canadian CAN ICES-003(B) / NMB-003(B) standard.

Service Information

Whether you need technical advice, repair or genuine factory replacement parts, contact the manufacturer at 1-855-815-1171 or support@dewaltevcharger.com

Three Years Limited Warranty

The manufacturer warrants this product against defects in material and workmanship for a period of three (3) years from the date of retail purchase by the original end-user purchaser ("Warranty Period").

If there is a defect and a valid claim is received within the Warranty Period, the defective product can be repaired, replaced or refunded, without charge, in the following ways: (1) Return the product to the manufacturer for repair, replacement or refund at manufacturer's option. Proof of purchase may be required by manufacturer. (2) Return the product to the retailer where product was purchased for an exchange (provided that the store is a participating retailer). Returns to retailer should be made within the time period of the retailer's return policy for exchanges only (usually 30 to 90 days after the sale). Proof of purchase may be required. Please check with the retailer for their specific return policy regarding returns that are beyond the time set for exchanges.

This warranty does not apply to: accessories, bulbs, fuses and batteries; defects resulting from normal wear and tear, accidents; damages sustained during shipping; alterations; unauthorized use or repair; neglect, misuse, abuse; and failure to follow instructions for care and maintenance for the product.

This warranty gives you, the original retail purchaser, specific legal rights and you may have other rights which vary in certain states or provinces. This product is not intended for commercial use.

90 DAYS Refund Policy

If you are not completely satisfied with the performance of this product for any reason, you can return it within ninety (90) days from the date of purchase with a receipt for a full refund.

Please visit our website www.DEWALT.com/register to register your new DEWALT product and to be kept up to date on new products and special offers.

Specifications

Model:	DXPAEV016
Rated input/output voltage:	120V / 240V
Rated frequency:	60Hz
Rated current:	12A / 16A
Rated charging power:	1.44kW / 3.84kW
Rated standby power:	Max. 3W
Charging connector:	SAE J1772 standard compliant
Power plug type:	NEMA 6-20
Cable length:	25 ft (7.6m)
Enclosure rating:	Type 4
Ground fault circuit interrupter:	Integrated, no additional required (CCID20)
Agency approvals:	CSAus
Altitude:	≤1.24 miles (≤2000m)
Operating temperature:	-22 °F to +122 °F (-30 °C to +50 °C)
Storage temperature:	-22 °F to +122 °F (-30 °C to +50 °C)
Relative humidity:	≤95% RH, no water droplet condensation
NEMA rating:	Type 4
Net weight:	6.17 lbs (2.8kg)
Dimensions W x D x H (main unit):	4.33 x 9.27 x 2.17 " (11 x 23.55 x 5.51cm)

IF YOU HAVE ANY QUESTIONS OR COMMENTS ABOUT THIS DEWALT TOOL, CALL US TOLL FREE AT
SI TIENE ALGUNA PREGUNTA O COMENTARIO SOBRE ESTA HERRAMIENTA DEWALT, LLÁMENOS GRATUITAMENTE AL
SI VOUS AVEZ DES QUESTIONS OU DES COMMENTAIRES SUR CET OUTIL DEWALT, APPELEZ-NOUS SANS FRAIS AU

1-855-815-1171

Manufactured and Imported by
Paragon Group USA LLC, 100 West
Forest Avenue, Unit A, Englewood,
NJ 07631, USA
www.DEWALT.com
1-855-815-1171
Made in PRC

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