



PURKEYS

A MISSION CRITICAL ELECTRONICS BRAND

SOLAR DASH™ CHARGING SYSTEM

USER GUIDE



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GENERAL INFORMATION

The Solar Dash™ is Purkeys' new solar charging system that keeps vehicle batteries at a good state of charge when the truck is not in operation.

The Solar Dash is an effective way to counteract parasitic loads on most heavy-duty vehicles. Keep batteries topped off no matter how long the vehicle sits!

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INSTALLATION

Step 1: Place 20 watt solar panel in the dash of the vehicle facing up.

Note: For ideal results, position the vehicle in a manner in which the solar panel can receive optimal sun light.



Step 2: Plug the 20 watt solar panel into the solar controller via the 2-pin male and female connectors.



Step 3: Plug the cigarette lighter end into a constant 12 volt receptacle and ensure the red LED on the cigarette lighter plug illuminates.



LED OPERATION AND TROUBLESHOOTING



| LED | CONDITION | ACTION NEEDED |
|--------------------|--|--|
| Green Solid | Good Voltage (Battery above 12.4 volts) Charging | None |
| Green Blink | Good Voltage (Battery above 12.4 volts) Not Charging | None |
| Yellow Solid | Low Voltage (Battery below 12.4 volts) Charging | Test vehicle battery |
| Orange Blink | Low Voltage (Battery below 12.4 volts) Not Charging | Check position of Solar Panel. Ensure panel is facing up. |
| Orange Rapid Blink | Fault (Battery below 10.0 volts or above 15.0 volts) Not Charging | Test vehicle battery |
| No LED | Open circuit from battery positive and the Solar controller or disconnected ground | Repair circuit by repairing the wire or replacing the fuse in the cigarette lighter plug |

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LIMITED COMMERCIAL WARRANTY POLICY

MCE Purkeys FE, LLC (hereafter “Purkeys”), warrants each product to be free of defects in material or workmanship under normal use and service. This warranty is for the benefit of Original Equipment Manufacturers, Dealers, Warehouse Distributors, Fleets, or other End Users (hereafter “Customers”) and covers products manufactured by Purkeys and sold new to Customers either directly by Purkeys or by its authorized dealers, distributors, or agents. The length of the Warranty Period is 36 months.

The warranty period commences on the in-service or install date and is not transferable. Failure to provide the in-service or install date on the warranty claim form will cause the warranty period to begin on the date the part was manufactured, or date of sale recorded on the original sales invoice, whichever is earlier.

A completed warranty claim form should accompany all parts submitted to Purkeys for consideration for repair or replacement under warranty. The submitted claim form should contain all of the information required. Lack of a properly or fully completed claim form will result in delay or denial of warranty claim. Claims must be submitted no later than 30 days after part is removed.

This warranty does not apply if, in sole judgement of Purkeys, the product has been damaged or subjected to accident, faulty repair, improper adjustment, improper installation or wiring, neglect, misuse, or alteration or if the product failure is caused by defects in peripheral vehicle components or components attached to the Product or failure of a part not manufactured by Purkeys.

This warranty shall not apply if any Purkeys product is used for a purpose for which it is not designed or is in any way altered without the specific prior written consent of Purkeys. ANY product alleged by a Customer to be defective must be inspected by Purkeys as a part of the warranty claims process in order to confirm that the part has failed as a result of a defect in material or workmanship.

Transportation for products and parts submitted to Purkeys for warranty consideration must be prepaid by Customer. Repaired or replaced products and or components will be returned to Customer pre-paid by Customer or “freight collect” to the address provided by Customer in the warranty claim form. No charge will be made for labor or material in effecting such repairs.

The Warranty provided by Purkeys hereunder is specifically limited to repair or replacement of the Product as Purkeys deems most appropriate in its sole discretion. Purkeys neither assumes nor authorizes any other person to assume on its behalf any other warranty or liabilities in connection with Purkeys products. The Warranty does not apply to fuses or other “consumable” or maintenance items which are or may be a part of any Purkeys product.

THIS WARRANTY DOES NOT APPLY TO LOSS OF VEHICLE OR EQUIPMENT, LOSS OF TIME, INCONVENIENCE, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. PURKEYS SPECIFICALLY DISCLAIMS AND SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES arising out of or from the use of Purkeys products by the Customer.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, INCLUDING COMMON LAW WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, AND ANY OTHER EXPRESS OR IMPLIED WARRANTIES. ALL OTHER SUCH WARRANTIES ARE SPECIFICALLY DISCLAIMED.

This Limited Commercial Warranty supersedes all previous Warranty Policies issued by Purkeys and any of its suppliers.



WATT Keeps You Trucking