Enerlites®

HEAVY DUTY OUTDOOR POWER BOX
NEMA 14-50R



MODEL NO: **66500MHW**

DESCRIPTION

The Enerlites 66500MHW power box is engineered for heavy-duty applications where durability, safety, and ease of installation are critical. Constructed from heavy-duty galvanized steel with a baked-on polyester powder coat finish, it is built to withstand demanding environments and long-term outdoor use. The unit provides 3" wire bending space compliant with heavy-gauge conductor requirements, ensuring proper wiring and code compliance. It features hardened Allen terminals designed to meet specified torque requirements without stripping, along with a 90° hinged door that remains open for easy installation and maintenance. Equipped with a heavy-duty NEMA 14-50R WR receptacle (2.46" diameter), this power box is ideal for long-duration EV charging applications, delivering reliable performance under continuous load conditions.

FEATURES

- Heavy duty 2.46" diameter Weather-Resistance 14-50R receptacle
- Fortified nylon casing with ETP copper terminals
- Silver plated H65 brass contacts
- NEMA 3R enclosure
- Pre knockout holes, no punch kit required with 3/4" and 1"
- Top mount M100 hub (sold seperately)
- Terminals marked for easy identification and fast wiring
- Allen terminals to meet specified torque requirement without stripping
- Compliant with heavy gauge wire bending requirements, providing 3" wire bending space

SPECIFICATIONS

NEMA Configuration	14-50R
Voltage	125/250VAC
Amperage	50A
Box Dimensions	5" x 5.75" x 7"
Allen Terminal Torque	75in/lbs
Wire Gauge	#10 - #4 AWG
Warranty	2 Years
Receptacle cUL	E316259
NEMA 3 Enclosure cUL	E544565

TESTING & CODE COMPLIANCE

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APPLICATIONS

- Homes
- Offices
- Warehouses
- Factories
- Hospitals
- Restaurants
- Hotels
- Schools

SPECIFICATION SUBMITTAL

Job Name _____ Job Number _____

Notes _____