Charles Universal Broadband Enclosures (CUBE) MP 4016 Enclosure

CUBE-MP4016

CUBE-MP4016 Field Installation

(shown with customer installed equipment, not included)

The CUBE-MP4016 Enclosure was designed to mount to utility poles or onto the side of a utility box, serving as a multi-purpose outdoor enclosure for various electronic components and equipment in fiber optic or copper networks. It consists of a single sealed compartment constructed of .125 welded aluminum. Six mounting studs on the inside rear wall may be used to install a customer-supplied aluminum mesh or plywood backplane. Security includes a 3 point latch with 216-style padlockable swing handle, and a door alarm switch. The front door can be held open hands free with a wind latch for convenient service by a technician. Two lifting/ mounting brackets at the top and bottom of the cabinet facilitate quick installation.
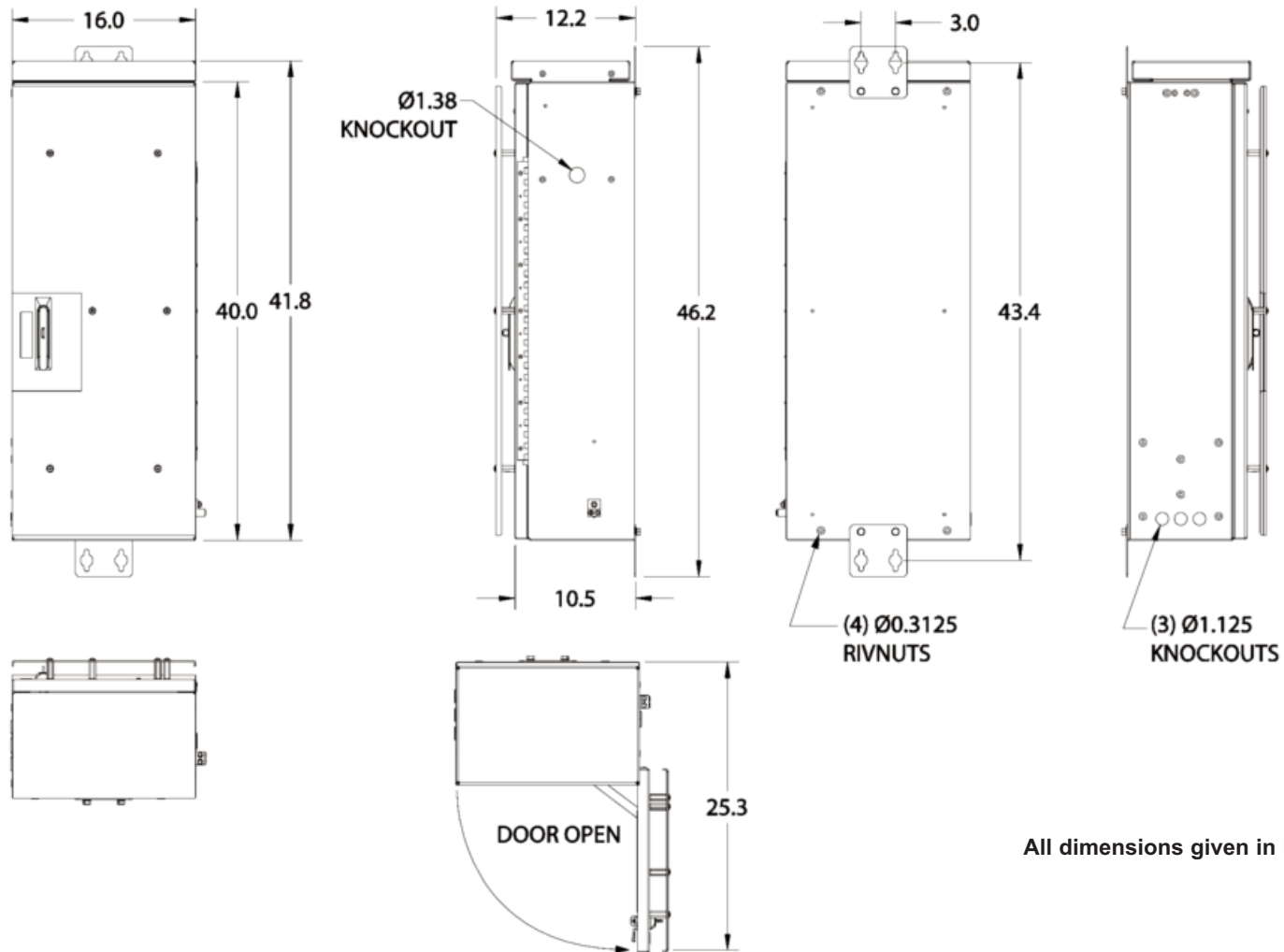
Two optional solar shield kits are available for the enclosures top panel or front door. If ordered, these kits are installed at the factory.

Environmental

Operating Temp. Range, Outside Enclosure . . . . -40° to +115°F, -40° to 46°C
Operating Temp Range, Inside Enclosure . . . . -40° to +149°F, -40° to 65°C
Humidity . . . . 0 to 95% (non-condensing)
Altitude . . . . Up to 2,000 meters (6560 ft.)

Charles Part #	Dimensions (HxWxD)	Mounting Backboard	Additional Features
CUBE-MP4016FSXX	40"x16"x10"	No Backboard (mounting studs provided for customer-supplied backboard)	2x8 ground bar, earth ground, (9) 3/4" & (1) 1.375" trade knockouts (sides and bottom) / Neoprene/EPDM gasket on back wall and right wall knockouts, top panel solar shield and standoff-style sun shield on front door, classic texture gray finish
96-SOLARSHLDTOP	Solar Shield - Top Panel		
96-SOLARSTANDOF	Solar Shield - Front Door		

INNOVATIVE ENCLOSED SOLUTIONS™

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Charles

Charles Universal Broadband Enclosures (CUBE)
MP 4016 Enclosure

16.0

40.0 41.8

12.2

3.0

Ø1.38
KNOCKOUT

46.2

43.4

10.5

(4) Ø0.3125
RIVNUTS

(3) Ø1.125
KNOCKOUTS

DOOR OPEN

25.3

All dimensions given in inches.

For additional product information, please visit **www.charlesindustries.com**

MADE IN THE
USA

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