

Charles Composite Pad (CPAD) Macro Site Solutions

Lightweight Buried Mounting Pad for CUBE™ Macro Site Cabinets & Generators



**2-Bay Modular
Macro Pad**

**2-Bay Modular Macro
Extension Pad**



**Conjoined Pad and
Extension Pad**

Charles Industries, through its development of Tier Rated Underground Enclosures (TRUE™), has created an innovative Composite Pad (CPAD) that replaces poured-in-place or pre-cast concrete pads. The CPAD enables carriers to more rapidly deploy their network by eliminating days of project work for poured-in-place concrete pads, and the heavy equipment requirements and safety concerns of handling and transporting pre-cast concrete pads. At a fraction of the weight of concrete, CPAD provides a rigid platform for mounting enclosures that house equipment and batteries. In addition to facilitating easier and faster installation, the CPAD provides the ability to utilize the open space on the bottom side of the pad as additional workspace, helping route RF cables and providing economical fiber slack storage.

The advanced composite materials used to make the Charles Composite Pads meet the chemical resistance, flammability, brush-fire, UV exposure, impact resistance, and water absorption requirements of ANSI/SCTE-77. In product testing, CPAD with attached cabinets and generators passed a GR-487 Overturning Moment Test which simulates 150 MPH windforces.

CPAD Macro Site modular mounting pads include a 2-bay macro pad and 1-bay and 2-bay extension pads to allow for user-determined pad combinations optimally sized for each installation. Recommended screw anchor kits are available for sandy soil conditions or for installations on incline grades.

CPAD are also available for diesel generators from Generac, Polar, Kohler and MTU; allowing placement of all Macro Site components on CPAD platforms and completely eliminating the need to pour concrete at Macro Sites!

CPAD Cabinet Families Supported

CPAD-PM639, CPAD-BB, CPAD-SS

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

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INNOVATIVE ENCLOSED SOLUTIONS™

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An Amphenol Company

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Lightweight Buried Mounting Pad for CUBE™ Macro Site Cabinets & Generators

CPAD Part Number	Mold	Outside Dimensions	Platform Dimensions	Weight	Ingress / Egress	Anchor Kits*	Supported Cabinet
CPAD-MM2EXX	2 Bay Macro Pad	98"W x 52"D x 18"H	79"W x 37"D	144 lbs	3.25" x 13" for BB/SS 4.8" x 19.25" for PM639	1 Per	CUBE-PM639xxxxx, CUBE-SSxxxxxxxx, CUBE-BBxxxxxxx
CPAD-MM2EXXEXT	2 Bay Macro Extension Pad	98"W x 52"D x 18"H	79"W x 37"D	144 lbs	3.25" x 13" for BB/SS 4.8" x 19.25" for PM639	1 Per	CUBE-PM639xxxxx, CUBE-SSxxxxxxxx, CUBE-BBxxxxxxx
CPAD-MM2EGNRC	2 Bay Macro Pad	98"W x 52"D x 18"H	79"W x 37"D	144 lbs	Cutout for Generac 20/30KW Generators	2 Per	Generac 20/30KW Generators
CPAD-MM2EKHLR	2 Bay Macro Pad	98"W x 52"D x 18"H	79"W x 37"D	144 lbs	Cutout for Kohler 20/30KW Generators	2 Per	Kohler 20/30KW Generators
CPAD-MM2EMTU	2 Bay Macro Pad	98"W x 52"D x 18"H	79"W x 37"D	144 lbs	Cutout for MTU 20/30KW Generators	2 Per	MTU 20/30KW Generators
CPAD-MM2POLAR	2 Bay Macro Pad	98"W x 52"D x 18"H	79"W x 37"D	144 lbs	Cutout for Polar 15KW Generator	2 Per	Polar 15KW Generators
CPAD-MM2TMOUNI	2 Bay Macro Pad	98"W x 52"D x 18"H	79"W x 37"D	144 lbs	None, To Be Cut In Field	2 Per	Generac, Polar and Delta Generators
CPAD-MM1EXXEXT	1 Bay Macro Extension Pad	61"W x 52"D x 18"H	41"W x 37"D	72 lbs	3.25" x 13" for BB/SS 4.8" x 19.25" for PM639	1 Per	CUBE-PM639xxxxx, CUBE-SSxxxxxxxx, CUBE-BBxxxxxxx
CPAD-MM1EXX	1 Bay Macro Pad	61"W x 52"D x 18"H	41"W x 37"D	72 lbs	3.25" x 13" for BB/SS 4.8" x 19.25" for PM639	1 Per	CUBE-PM639xxxxx, CUBE-SSxxxxxxxx, CUBE-BBxxxxxxx
CPAD-MM1ETMOUNI	1 Bay Macro Extension Pad	61"W x 52"D x 18"H	41"W x 37"D	72 lbs	None, To Be Cut In Field	1 Per	Generac Generators

*Screw Anchor Kits are ordered separately (Part #CPAD-SCRWANCRKIT)

ACCESSORIES

Part Number	Description
CPAD-SCRWANCRKT	Screw Anchor Kit, includes four (4) 18" screws
CPAD-MCROVRPLT	Modular Macro CPAD Cover Plate
97-TMOCPADTEMP	Mounting templates for Polar, Delta and Generac Generator Installations on CPAD-MM1ETMOUNI and CPAD-MM2TMOUNI

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

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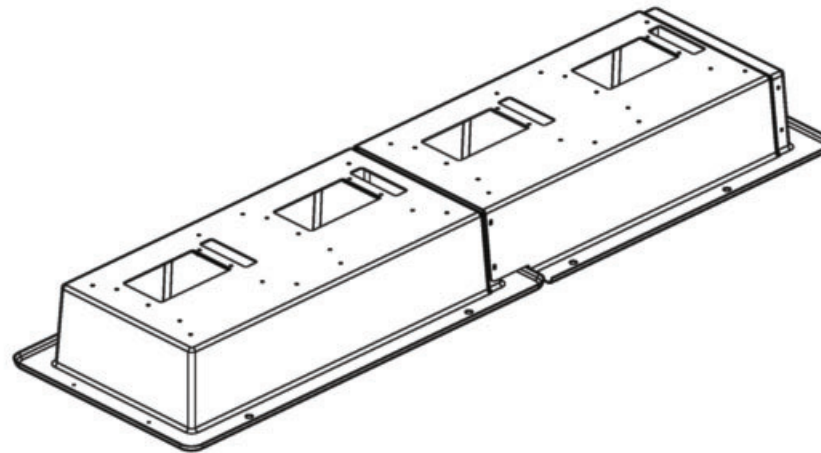
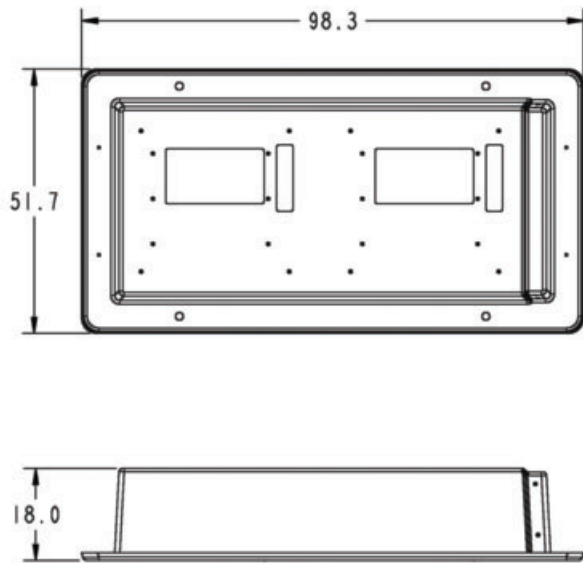
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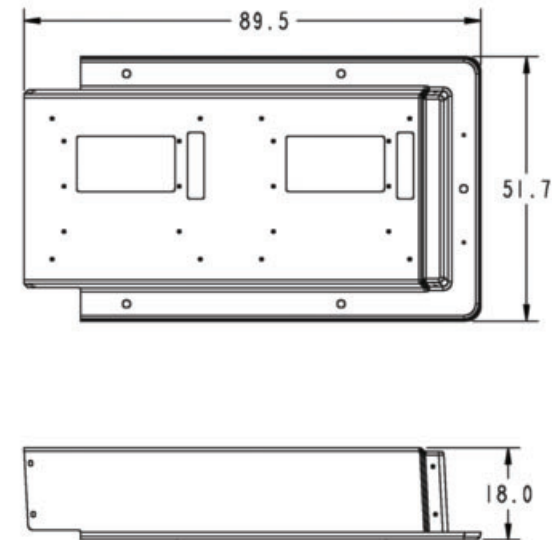
Charles Composite Pad (CPAD) Macro Site Solutions

Lightweight Buried Mounting Pad for CUBE™ Macro Site Cabinets

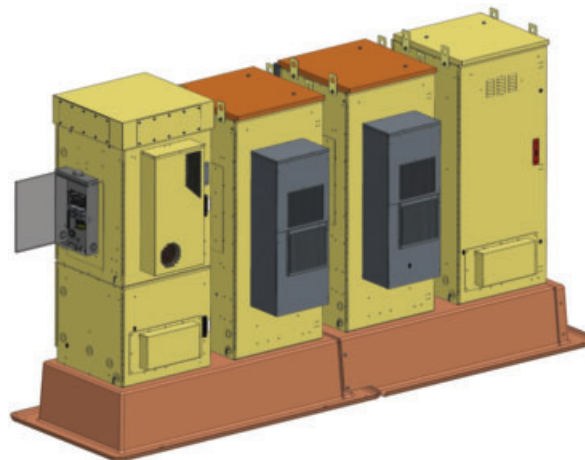
CPAD-MM2EXX



CPAD-MM2EXXEXT

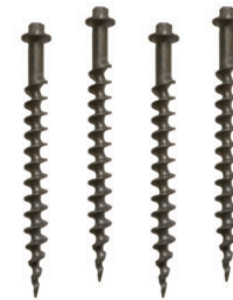


All dimension in inches.



CPAD-SCRWANCRTK

One kit (4 screws) recommended per Macro CPAD



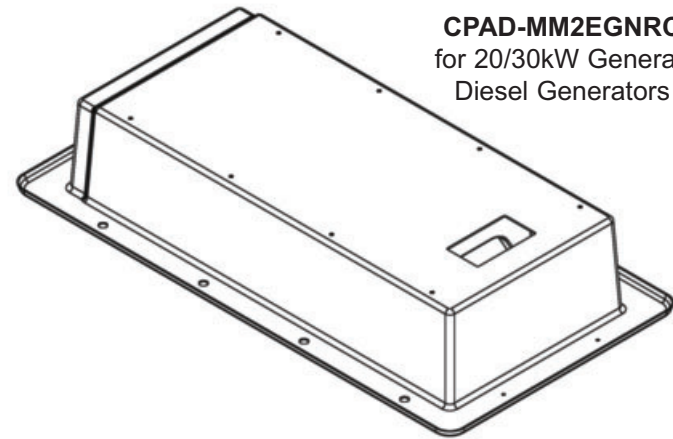
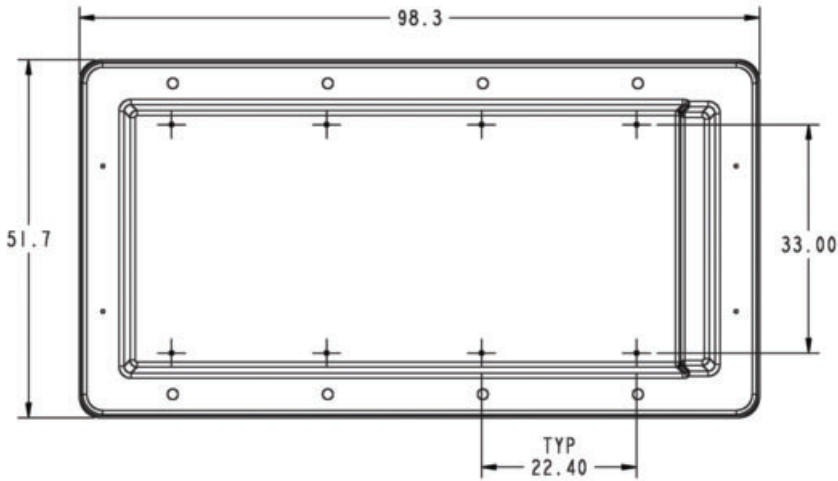
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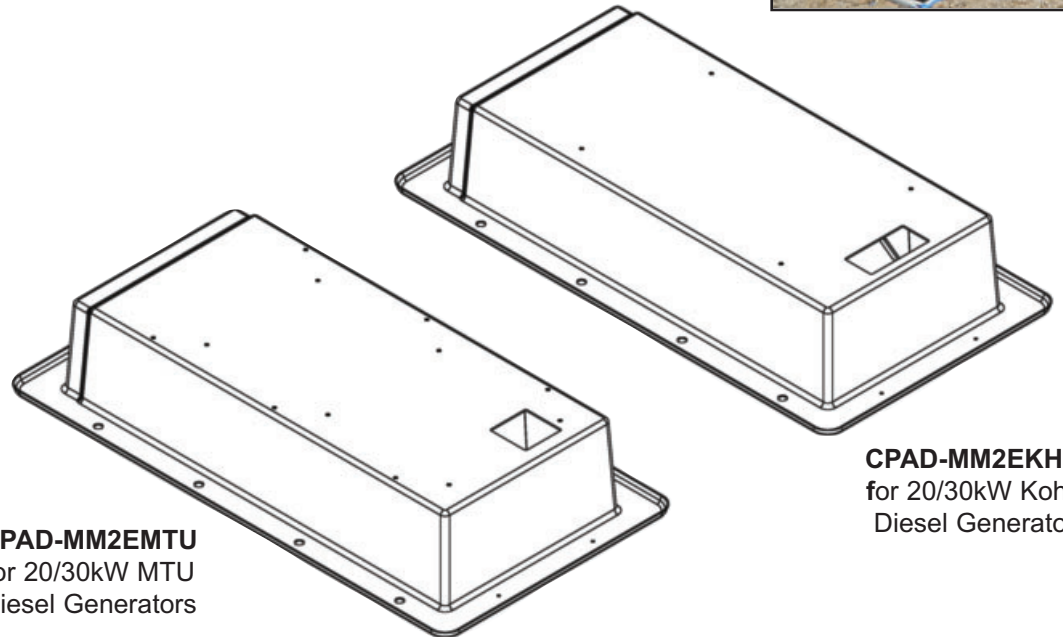
Lightweight Buried Mounting Pad for CUBE™ Macro Site Generators

Composite Mounting Pads for 20/30kW Generators

All dimension in inches.

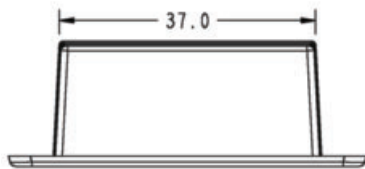
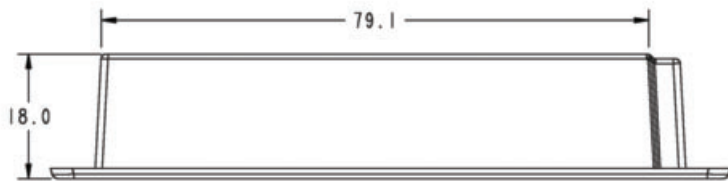


CPAD-MM2EGNRC
for 20/30kW Generac
Diesel Generators



CPAD-MM2EKHLR
for 20/30kW Kohler
Diesel Generators

CPAD-MM2EMTU
for 20/30kW MTU
Diesel Generators



CPAD-SCRWANCRKT

Two kits (8 screws) recommended per Generator CPAD



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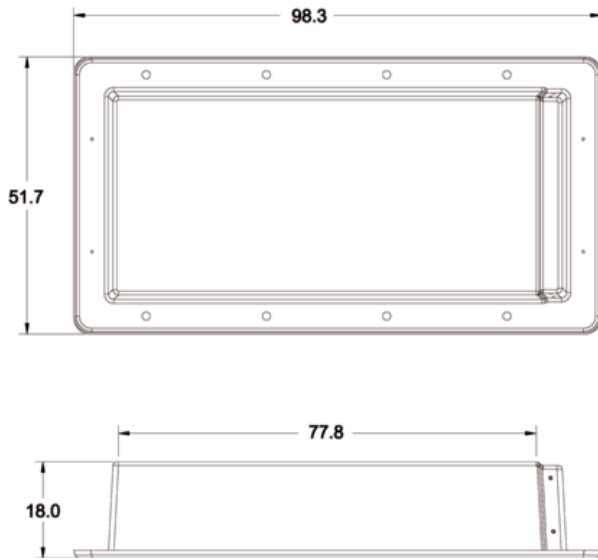
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Lightweight Buried Mounting Pad for CUBE™ Macro Site Generators

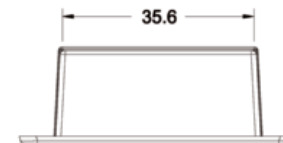
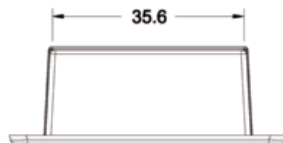
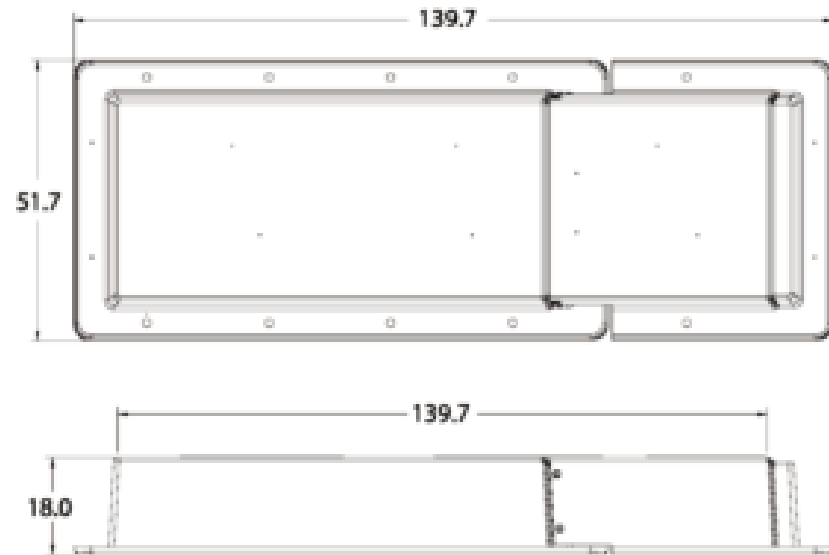
Universal Mounting Pads — Template Kit (Part #97-TMOCPADTEMP) available containing ABS drilling templates for Generac, Polar and Delta Generators

All dimension in inches.

CPAD-MM2TMOUNI
for 15kW Polar, 15/25kW Delta,
and 15/25kW Generac generators



CPAD-MM2TMOUNI with CPAD-MM1ETMOUNI EXTENSION
for longer Generac generators



CPAD-SCRWANCRKT

One kit (4 screws) recommended per CPAD-MM1ETMOUNI,
Two kits (8 screws) recommended per CPAD-MM2TMOUNI

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