

# Charles Above Grade Enclosure

---

## ***Durable advanced composite enclosure adds above-grade equipment protection to a below-grade enclosure***

Charles Above Grade Enclosure (AGE) provides durable protection of electric, water, gas or communications equipment. The enclosure fits on top of an included Charles 17"x30"x18" below grade HDPE enclosure (P173018) to add an above grade chamber for storage of splices, meter sets or valves.

Charles Advanced Composite Material formulation utilizes a resin transfer molding process and advanced fiberglass composite materials to provide a superior performance environmental enclosure. ACM enclosures are lightweight, easy to install, stackable, and offer a long service life.



## ***Applications***

---

Charles AGE is ideally suited to residential, commercial or remote sites where equipment or cabling requires environmental protection and technician-friendly above grade access.

## ***Features***

---

- Constructed from advanced composite material for long service life and high impact resistance, tested to 100 foot pounds
- Sized to enclose meter sets, valves, splices or other equipment
- Tested to 2,500 pounds of vertical load
- Smooth UV protected coating
- Aesthetically pleasing utility green color blends into most outdoor surroundings
- Two stainless-steel protected security cup washers deter bolt head access, preventing unauthorized access
- Hex-head, Penta-head and REA Penta-head bolts available
- A variety of identification nameplates are available
- Made in the USA

## ***Specifications (AGE Only - Does not include Below Grade Enclosure)***

---

Exterior Dimensions (H x W x D):	18"H x 30"W x 17"D (457mm x 762mm x 432mm)
Interior Dimensions (H x W x D):	17.5"H x 26.5"W x 13.5"D (444mm x 673mm x 343mm)
Weight:	10 lbs (4.5 kg)
Weight, with Below Grade Enclosure:	34 lbs (15.4 kg)
Construction:	Advanced composite material
Mounting:	Two hex-head or penta bolts with security cup washer, attaches to included 17"x 30"x18" Charles HDPE below grade enclosure



# Charles AGE Ordering Information

Part Number Configurator:

A   B

P173018ABGT		
-------------	--	--

## A

### Security Bolt Type

- H = Hex-Head
- R = Penta-Head (REA)
- E = Penta-Head (Edison)

## B

### Name Plate/Customer

- E = Electric
- T = Telephone
- W = Water
- G = Gas
- C = Communications
- X = Blank (Filler)

Please call Charles Industries at (847) 806-6300 for information on availability of custom security bolt types or custom customer name plates.

For information on 17"x30"x18" Below Grade Enclosure attachment (shown right, included without lid when ordering part number above), please reference datasheet #D-OSP148-E13 "Charles Below Grade Enclosures" or visit [www.charlesindustries.com](http://www.charlesindustries.com).



CUSTOMER SATISFACTION  
CONTINUOUS IMPROVEMENT

**INNOVATIVE ENCLOSED SOLUTIONS™**

### With Charles, You Can Depend On:


- Field-proven and unequalled 24-hour technical support
- Individualized application consultation
- Training courses available

Visit our website at <http://www.charlesindustries.com>

Charles Industries, Ltd.  
Telecommunications Group  
5600 Apollo Drive  
Rolling Meadows, IL 60008

Voice: (847) 806-6300  
FAX: (847) 806-6231  
E-mail: [mktserv@charlesindustries.com](mailto:mktserv@charlesindustries.com)



 is a registered trademark of Charles Industries, Ltd.

D-OSP151-G13