

# EKM METERING INC.

## EKM-303015 UL Enclosure Spec Sheet



### Technical Specifications:

- Model: EKM-303015
- Dimensions: 300mm x 300mm x 150mm (11.8" x 11.8" x 5.9")
- Weight: 2.25 lbs.

### Description:

- UL Listed and cUL Listed enclosure
- NEMA 4X rated
- Openable and latching clear polycarbonate cover
- Designed to prevent the penetration of rain or dust
- Stainless latches and hinge pins
- DIN rail included

### Features of Plastic Polycarbonate Material:

- Ultraviolet stabilizer prevents discoloration when installed outdoors
- Plastic material protects electronics from static electricity
- Material is very strong and resistant to impact damage

### Combustion Retardant Properties of Plastic Material:

- Polycarbonate (Transparent): 94-HB(Standard)
- Polycarbonate (Grey): 94-V-0

### Installation Tools/Materials List:

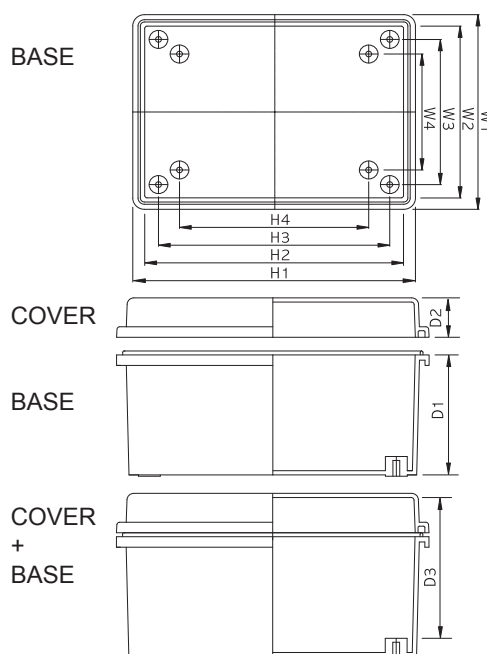
- Standard phillips head screwdriver
- Drill with hole saw or drill bit large enough to penetrate the enclosure for the conduit to enter

### For UL Listed installations:

- Use in conjunction with a UL Listed Omnimeter
- Use in conjunction with UL Listed Current Transformer(s)

### Installation Instructions:

- We recommend that a small hole is added to the exterior of the enclosure, in a location that is most protected from the elements (usually the bottom). This will help prevent condensation build up over time.



(Fig 1)

Size (mm)	W1	W2	W3	W4	H1	H2	H3	H4	D1	D2	D3
300x300x150	300	274	256	220	350	274	256	220	120	30	134

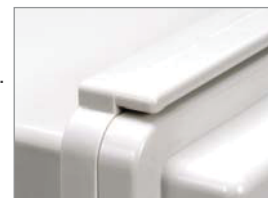
### Draw Latch, Integrated Hinge

- Stainless steel hinge pin and latching mechanism make this enclosure extremely durable under repeated use.



### Integrated drip Edge:

- Both short axis have a protruded drip edge for an added level of water resistance. They also prevent dust or water from entering when opening/closing the cover.



### Gasket:

- Has excellent water and dust proofing even under repeated opening/closing of the lid. Gasket is installed in the enclosure with an extremely precise CNC machine.



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## Certifications:



ISO 9001 Approval from SGS



ISO 14001 Approval from SGS



Obtained UL508A Certificate from UL  
(Underwriter's Laboratories)



Standard Certification KTL C067-2007 for resin  
box used for indoor and outdoor electrical  
equipment below 600v AC



Obtained Certificate of CE by EN from  
EOTC (European Organization for Testing  
and Certification)



Passed in Combustion Resistance Test 94:2003  
of Korea Institute of Construction Materials



Obtained TUV, IP67, IK08 from Germany for  
plastic enclosures



Passed in Combustion Resistance Test of V-0 for  
Polycarbonate from Korea Environment and  
Merchandise Testing Institute



Obtained RoHS Certification from SGS, the  
world's leading inspection agency in Geneva,  
Switzerland



EX degree: Exe II T5  
Certificate Number: CNEx07.0311U

