

# DWM42

## 42" METERED POWER DISTRIBUTION PEDESTAL

### FEATURES

Larger width allows for a multitude of custom configurations. It can be included with distribution panels up to 200A. 3 Phase distribution panels also available.

The DWM42 is designed for custom solutions. As such we don't have a standard internal layout, we use it when you need a lot of power solutions in one enclosure.

Hardware to fasten pedestal to pre-cast concrete base is included with every pedestal, matching base available from several pre-cast concrete manufacturers.

Pedestal Enclosure is NEMA 3R Tested and backed with a 10 year warranty.

### CONSTRUCTION

Constructed from heavy-gauge aluminum. Electrostatic UV and Corrosive resistant powdercoat in "Equipment Green" as standard. All doors constructed to prevent weather intrusion without the means of rubber gasket.

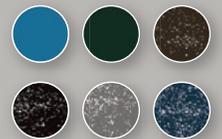
Concealed Ventilation under lid to prevent condensation build-up. Stainless-steel fasteners used to mount all internal and external components. Also available in 316 Stainless Steel.

Pedestal Enclosure Sits 42" tall x 36" wide x 20" deep.



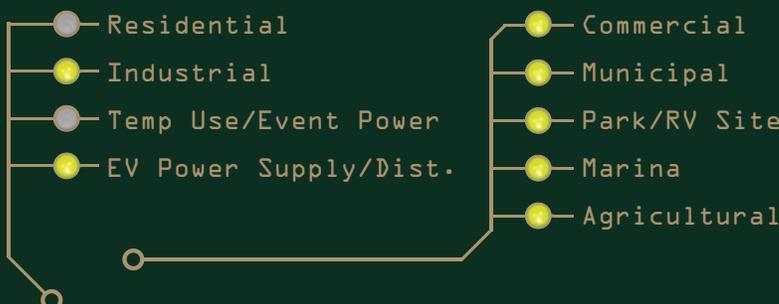
### CUSTOMIZATION

Can be designed to include timers, contractors, photocells etc, for any type of motor and lighting control.



HUNDREDS OF CUSTOM COLOURS AND TEXTURES AVAILABLE.

### APPLICATIONS/MARKETS



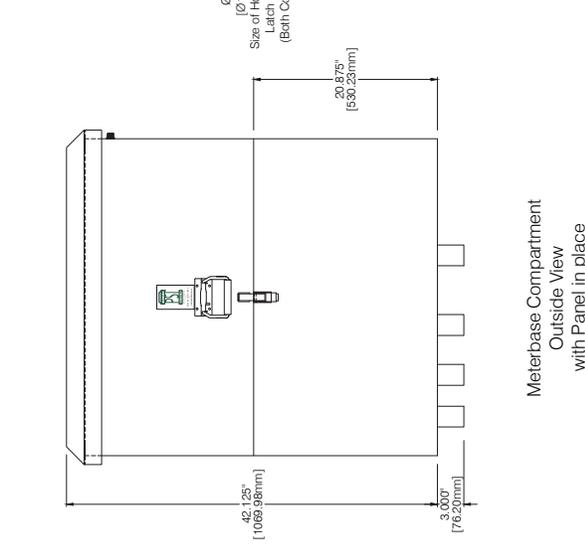
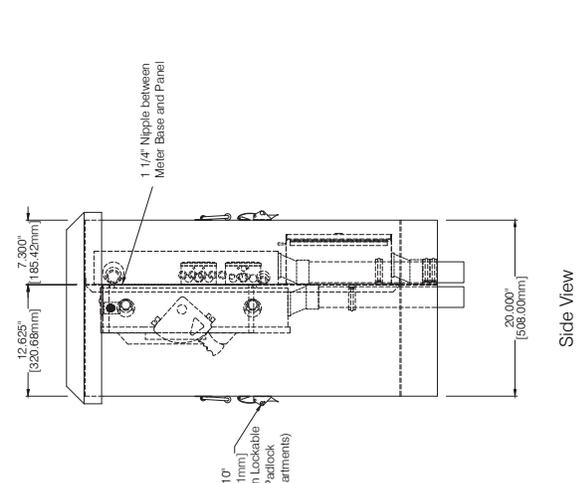
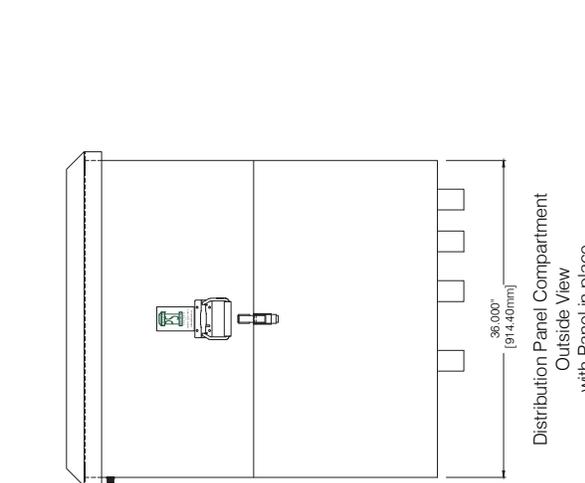
### TYPICAL PART NUMBER

DWM421-CUSTOM

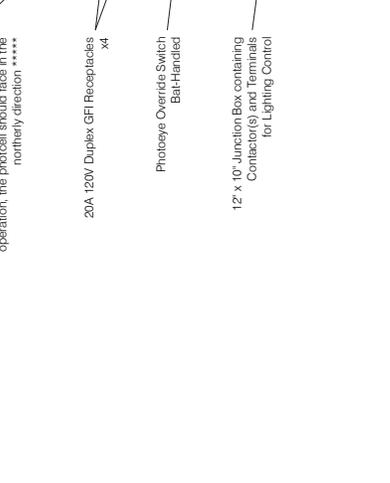
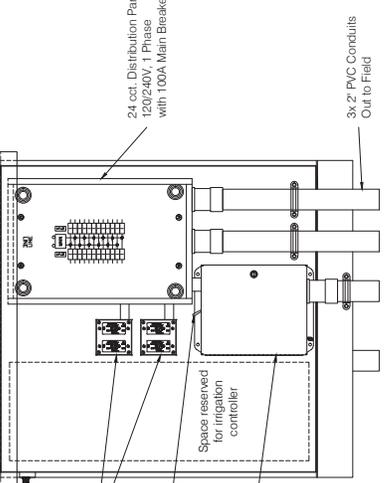


**Materials Notes:**

- Enclosure Mat: 14 gauge (0.85" thick) 316 Stainless Steel sheet metal
- Paint Colour: none...all final finish
- Panel: Square D cat# C00124M125C100, 24cct., 2b., 3w. Combination meter entrance panel
- Main Breaker: Square D cat# C001M1HL, 100amp, 2pole
- Wire Range: #12-20 A/CU, 24V rating
- Load Breakers: Square D cat# OO series
- Single Pole: OO box (over-ampage)
- Double Pole: OO box (over-ampage)
- (see separate drawing or part manual for more details)
- Main Neutral Lug: Wire range #4-20 A/CU
- Load Neutral Lug: Wire Range 1 lug #4-20 A/CU, 3 lugs #1-10 A/CU, 8 lugs #1-4 #6 A/CU
- Fuses: 4-Plated hex head bolts, 1/2"x13/32" Grade 2 or better
- 4-Plated 1/2" Lock washers for mounting into concrete mounting base
- Conductor: 120VAC coil, 4 Normally Open Contacts, Each contact rated for 32 Amp, Square D cat# LC1D12G57
- Junction Box: complete with terminal blocks for each circuit, override switch and contactor
- Protocol: Burton style protocol, 120VAC, Intermatic cat# K421C
- Time: none
- Override Switch: Overload Protection, 120VAC, Bat Handled, ElectrPro cat# EP030580
- Main Base: 240V 200A/CU, 200 amp, Microcircuit cat# B52-TCV to meet local utility standards



\*\*\*\*\*Installing Contractor and Engineer must ensure that access clearances around equipment are maintained. This may affect how the pedestal is oriented and where the final location of the protocol should be. For proper operation, the protocol should face in the northerly direction \*\*\*\*\*



Typical Part Number Explanation:  
**DWM421-CUSTOM**  
 Custom layout and configuration  
 # of poles on load breakers in first group...1 or 2 pole  
 height of pedestal in inches  
 model of pedestal  
 Double Wide Metered

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**PEDESTAL SOLUTIONS INC.**  
 42" DOUBLE WIDE METERED  
 PEDESTAL VIEWS

DRAWN BY	RAD	PART NO.	DWM421-CUSTOM
CHECKED BY	BP	DWG NO.	DWM421-CUSTOM
SCALE	NONE		
DATE	OCTOBER 01, 2020	REVISION	A
		PAGE	1 OF 1

# DWM421 Enclosure with Meterbase Distribution Panel, and Lighting Control (Custom Layout)

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