

Substations

Distribution Equipment

For sales in your area contact:



www.tigerdocks.com
636-272-4300

The introduction of substations into the marina and recreational vehicle market allows Eaton to be your complete marina and RV park electrical products supplier. We are able to assist in the design and layout of your marina or RV park electrical system from the primary service provider to your power pedestal. Our substations are designed for any coastal or inland environment and are constructed with fiberglass or powder coated stainless steel NEMA 3R housing cabinets. All substation cabinets come with our limited lifetime warranty.



Above:
Standard Substation

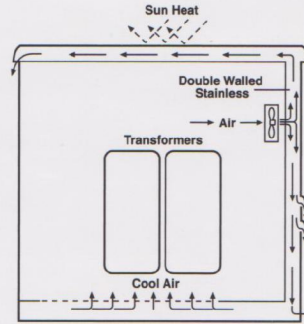


Left:
Side-by-Side Substation

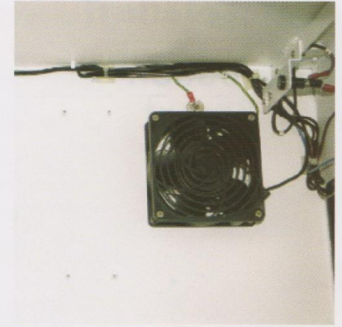




Access Door



Cooling Diagram



Fans

Substation

- Available Options
- Ventilation
- Dimensions
- Panel and Transformer Combinations

Available Options

- Powder Coated Cabinets Made of Stainless Steel or Fiberglass
- Limited Lifetime Warranty on Housing. Transformer and Secondary Distribution Panel in a Single Enclosure Have a One Year Limited Warranty
- Stainless Steel or Fiberglass Housing and Hardware with Locking Doors
- Single Phase and Three Phase Models
- Overload Capacity Meets ANSI L57.96 - 01.250
- Optional Double-Walled Construction
- Temperature Controlled Fans for Cooling
- Custom Made Copper Wound Single Phase or Three Phase Transformers from 50 to 330 KVA
- Up to 1200 Amp Main Circuit Breaker with 15 Single Phase Branch Circuit Breakers or 10 Three Phase Branch Circuit Breakers
- Substations can be Equipped with Photocells to Turn On and Off Lights
- A 20Amp GFI can be Installed in the Cabinet, as well as a Ground Fault Monitoring System

Ventilation

The substation ventilation is designed to optimize air circulation over and around the transformers and through the panel compartment so that the substation operates at lower temperatures.

Substations come equipped with temperature controlled cooling fans for exhausting hot air from the cabinet and solar shield.

In addition, substations are available with a double-walled cabinet and solar shield which allow for cooling of both the exterior surface of the cabinet and the internal components.

Dimensions

STANDARD SUBSTATION

	IN.	MM
Height:	60	1524
Width:	35.5	901.7
Depth:	52	1320.8

SIDE-BY-SIDE SUBSTATION

	IN.	MM
Height:	55	1397
Width:	66	1676.4
Depth:	30	762

Panel and Transformer Combinations

SINGLE PHASE

Panel	Transformer
200A	50 KVA
300A	75 KVA
400A	100 KVA
600A	150 KVA
700A	167.5 KVA
800A	200 KVA
1000A	250 KVA
1200A	330 KVA

THREE PHASE

Panel	Transformer
100A	45 KVA
200A	75 KVA
300A	112.5 KVA
400A	150 KVA
600A	225 KVA
800A	300 KVA