

# PDU Transformers

## Critical power for data centers

## Data centers demand dependable power

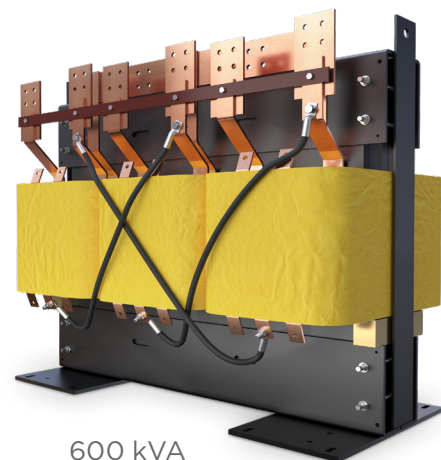
### Reliable and Efficient

Acme Electric's PDU transformers are dry type, nonlinear, energy-efficient isolation transformers that deliver dependability for your data center applications.

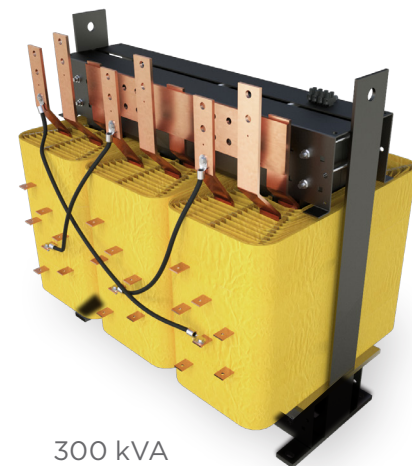
### Engineering expertise, scalable manufacturing and the backing of the Hubbell family makes Acme the clear choice to partner with on your data center projects

- A wide variety of low voltage standard and custom designs
- A skilled engineering team to design and optimize transformers for your applications
- Large modern facility provides scalable support for your needs as they grow
- Financial strength to easily support your largest projects

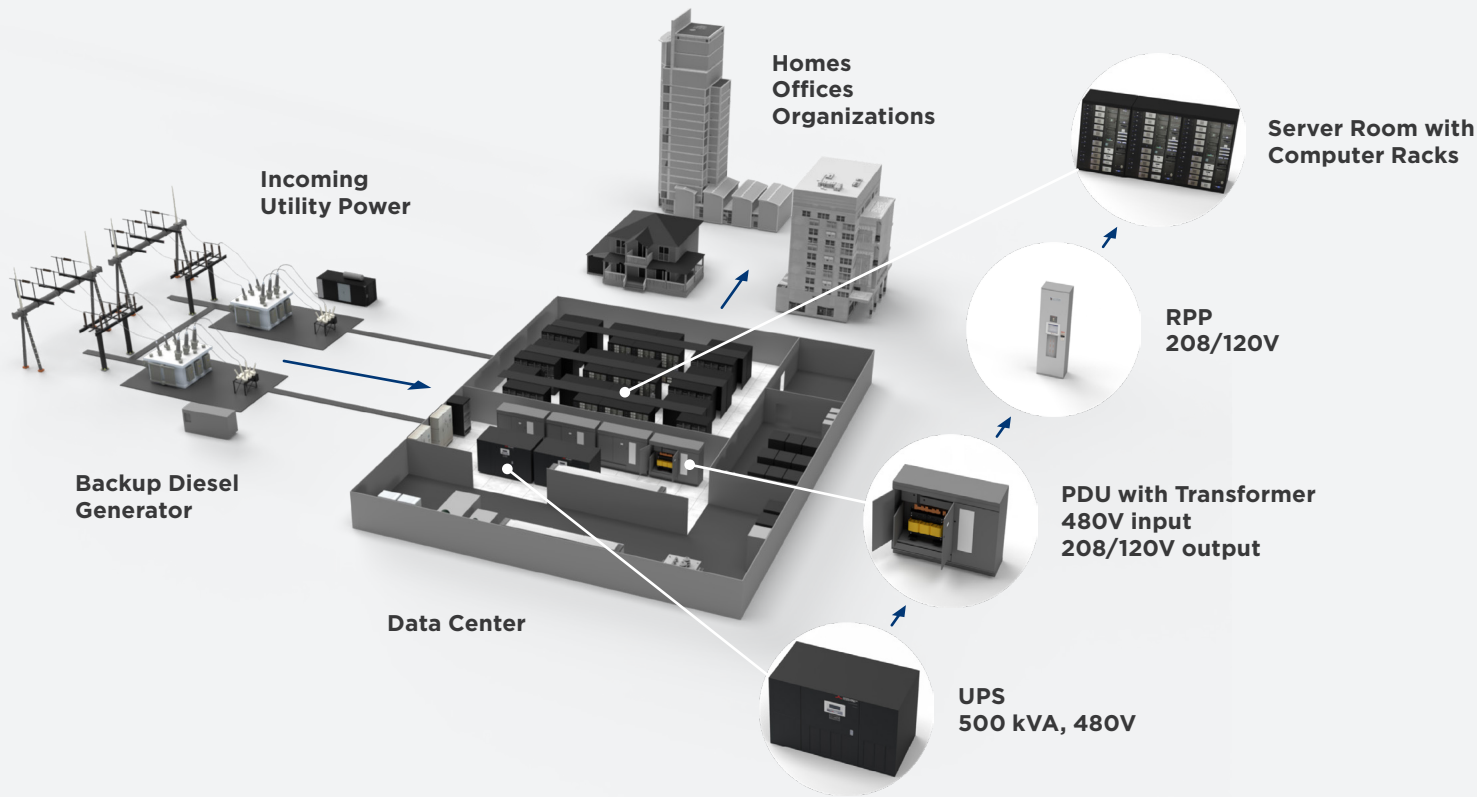
**Our team works with yours to ensure reliable delivery, smooth implementation, and ongoing service**



600 kVA



300 kVA



#### KVA:

- 150kVA - 1250kVA

#### Primary taps:

- +2/-4 @ 2.5% up to 300 kVA
- +/-2 @ 2.5%, 301 kVA thru 750 kVA
- +/-1 @ 5% above 750kVA
- Or as specified by customer

#### Inrush:

- 5-11 times full load primary current
- Or as specified by customer

#### Environmental protection:

- Core and coils with cured varnish for superior short circuit protection and partial discharge performance

#### Efficiency:

- DOE 2016 compliant for US
- CAN/CSA C802.2 compliant for Canada
- NMX-J-351-1-ANCE-2021 compliant for Mexico
- Or as specified by customer

#### Third party listing:

- UL/cUL recognized core and coil
- UL/cUL listed with an enclosure
- Designed built and tested per IEEE C57.12.01, C57.12.91, C57.110

#### Physical characteristics:

- Core and coil standard (NEMA 1 and 3R available)
- Overall envelope, mounting dimensions and termination locations as specified by customer
- Standard layout, terminations at the top front of the assembly, unless otherwise specified

#### Temperature rise:

- 150°C, 115°C, 80°C
- Or as specified by customer

#### Temperature sensors:

- Thermostat: 180°C N.O. for alarm (1 per coil) & 220°C N.O. for shut down
- Or as specified by customer

#### K-Factor rating:

- K1, K4, K9, K13 typical
- Or as specified by customer

#### Vector configurations:

- Δ-Y, Δ- Δ, Y- Δ, Δ-ZigZag (harmonic mitigating), Y-ZigZag (harmonic mitigating)

#### Output voltage:

- Single output voltage of 208V, 400V, 415V, 480V
- Multiple full capacity taps. Combination of 208V, 400V, 415V and/or 480V
- Or as specified by customer

#### Impedance (Limits fault current):

- 3% - 6%
- As specified by customer or end user to coordinate with breaker or fuse interrupting capacity

#### Conductor and terminations:

- Aluminum and copper
- Wire or foil



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