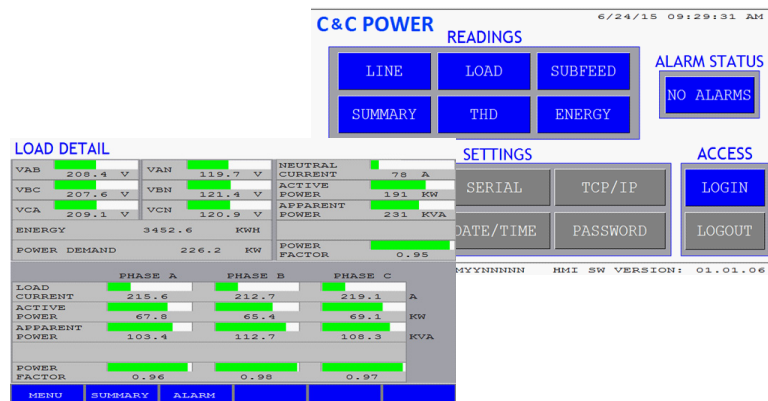


# Power Distribution Unit

## 80-300kVA Datacenter PDU

### FEATURES:

- ▶ Designed for easy top and bottom wiring access
- ▶ Copper DOE 2016, K13 transformer included
- ▶ Advanced Monitoring package standard
- ▶ Front access design
- ▶ Most compact footprint on the market
- ▶ Only 6" rear clearance required
- ▶ Requires left side clearance for maintenance
- ▶ No right side clearance required
- ▶ 80-300kVA applications



### STANDARD FEATURES:

- Generous space for cabling
- Easy top and bottom access
- Front access for all customer wiring
- Fanless, convection cooled design
- UL Listed to UL 60950-1
- Minimal Footprint
- Modbus TCP
- Main breaker monitoring
- Local and remote EPO
- Door alarm
- Subfeed Circuit monitoring

### OPTIONAL FEATURES:

- Air Skirt
- Suppression Plate
- Seismic Floor Stands
- Input/Output surge protection device
- Input power cabling junction box
- Branch Circuit monitoring

| Specifications |                               |                           |
|----------------|-------------------------------|---------------------------|
| Type           | # of 42-circuit Panels        | Dimensions                |
| 80-300 kVA     | (2) Panels - No Sidecar       | 36.5"W x 39.0"D x 74.75"H |
| 80-300 kVA     | (4) Panels - Includes Sidecar | 44.8"W x 39.0"D x 74.75"H |

## LEADING FOOTPRINT FOR 300kVA APPLICATIONS

|                          | Main Cabinet<br>80-300 kVA                                                                              | Main Cabinet w/Sidecar<br>80-300 kVA |
|--------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------|
| Dimensions               | 36.5"W x 39.0"D x 74.75"H                                                                               | 44.8"W x 39.0"D x 74.75"H            |
| Input                    | 480 VAC, three-phase, 3-wire plus ground <sup>1</sup>                                                   |                                      |
| Output                   | 208 VAC, three-phase, 4-wire plus ground <sup>1</sup>                                                   |                                      |
| Transformer              | Copper, K13, DOE 2016 efficiency, 150°C rise, double shielded <sup>2</sup> , 220°C insulation (class R) |                                      |
| Subfeed Breakers         | Up to (8) - 225A breakers                                                                               |                                      |
| Panelboards <sup>3</sup> | Up to (2) - 225A/400A                                                                                   | Up to (4) 225A/400A                  |

<sup>1</sup> Additional input/output voltages available

<sup>2</sup> Aluminum transformers available

<sup>3</sup> Square D, Siemens, Cutler Hammer, GE



### STANDARD MEASUREMENTS

- Line and Load voltage
- Output current and power
- Voltage and current harmonics (total, 3rd-15th)
- Built-in phase rotation monitoring
- Total and subfeed energy
- Ground and neutral current
- Frequency
- Power Factor

### I/O FEATURES

- MODBUS TCP
- 6 programmable customer relay outputs
- 6 programmable customer dry contact inputs
- Transformer thermal and overload warning
- Input SPD monitoring (optional)

### ADVANCED MONITORING:

- ▶ Alarm log
- ▶ Over 100 standard alarm conditions
- ▶ 7.0" color touchscreen interface standard
- ▶ MODBUS TCP interface standard
- ▶ Individually programmable thresholds and relay functions alarm log

