

3.3 kW / 3.3 kW

FEATURES

- ❑ 3-Phase Input Power
- ❑ Fully Adjustable Independent Outputs
- ❑ Low Peak-to-Peak Ripple & Noise
- ❑ CE, TUV, UL & CUL
- ❑ High Voltage Outputs Available

The D3 Series Dual Output (Mix or Match), 3-phase power supplies provide 2 separate, isolated DC outputs of 3.3 kW each in a single chassis only 5.25" high.

SPECIFICATIONS

- ❑ Input Voltage
  190 – 253 VAC, 47 – 63 Hz (Standard)
  360 – 440 VAC, 47 – 63 Hz (Option)
  432 – 528 VAC, 47 – 63 Hz (Option)
- ❑ Input Current @ 208 VAC (Typical)
  At 6.6 kW Output: 28 A
- ❑ Operates from Delta or Wye Source

TYPICAL MODEL NUMBER

- ❑ D3C-10330/15220

(See page 19 for part numbering system)
Input: 190 – 253 VAC, 3-phase
Output – PS1: 0 – 10 VDC @ 330 A
Output – PS2: 0 – 15 VDC @ 220 A

MECHANICAL

- ❑ Weight: 60 Lbs.
- ❑ Dimensions: 19" (W) X 5.25" (H) X 22" (D)
  Add 1.75" for bus bar protrusion
  (See page 15 for outline drawing)
- ❑ AC Input Interface:
  3 wire + GND (#10-32 threaded studs)
- ❑ DC Output Interface:
  Two sets of bus bars with 0.390" interface holes
- ❑ Control/Monitor Interface:
  Two DB 25-pin female connectors
  (See page 20 for pin designations)

DUAL OUTPUT 3-PHASE MODELS[4]

POWER SUPPLY 1 TABLE[1]

Model Number	Output DC Volts	Output DC Amps	Output P-to-P Ripple[3]
D3C-5500	0 – 5	500	50 mV
D3C-8400	0 – 8	400	50 mV
D3C-10330	0 – 10	330	50 mV
D3C-12.5265	0 – 12.5	265	50 mV
D3C-15220	0 – 15	220	50 mV
D3C-20166	0 – 20	166	75 mV
D3C-25132	0 – 25	132	75 mV
D3C-30110	0 – 30	110	75 mV
D3C-4083	0 – 40	83	75 mV
D3C-5066	0 – 50	66	75 mV
D3C-6055	0 – 60	55	75 mV

1. Select any Power Supply 1 from Table 1.
2. Select any Power Supply 2 from Table 2.

POWER SUPPLY 2 TABLE[2]

Model Number	Output DC Volts	Output DC Amps	Output P-to-P Ripple[3]
D3C-5500	0 – 5	500	50 mV
D3C-8400	0 – 8	400	50 mV
D3C-10330	0 – 10	330	50 mV
D3C-12.5265	0 – 12.5	265	50 mV
D3C-15220	0 – 15	220	50 mV
D3C-20166	0 – 20	166	75 mV
D3C-25132	0 – 25	132	75 mV
D3C-30110	0 – 30	110	75 mV
D3C-4083	0 – 40	83	75 mV
D3C-5066	0 – 50	66	75 mV
D3C-6055	0 – 60	55	75 mV

3. Peak-to-peak ripple and noise is over the entire range of each power supply as measured in the voltage mode, at the end of a 6-foot cable across a 1µf film capacitor into a resistive load. Low noise option available on ≤60 V models. Please contact the factory.
4. Contact the factory for high voltage output models.

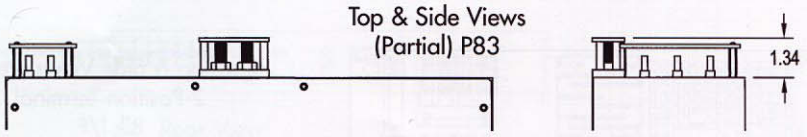
9250 Brown Deer Road, San Diego, California 92122
Phone: (800) 978-6680 or (858) 458-0253
FAX: (858) 458-0237 • www.powerten.com

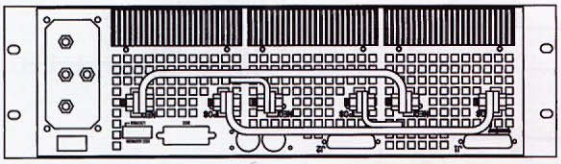
POWERTEN



- AC Input Interface: 3 wire + GND (#10-32 threaded studs)
- DC Output Interface:
  - P63: Bus bars with 0.390" interface holes for output ≤60 VDC
    Two 3/8" threaded studs for output ≥80 VDC
  - D3: Bus bars with 0.390" interface holes
  - P83: Two 3/8" threaded studs
- Control/Monitor Interface: DB 25-pin female connector (See page 20 for pin designations)
- Weight: <80 lbs.

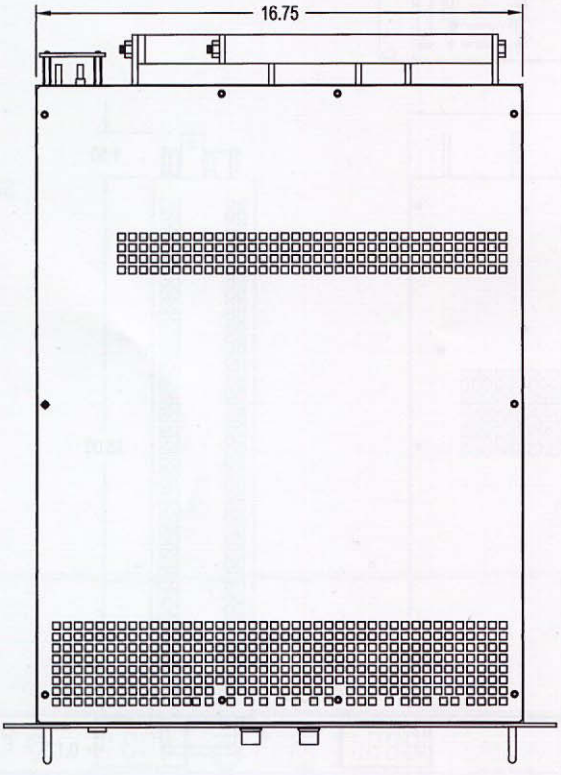
Top & Side Views (Partial) P83

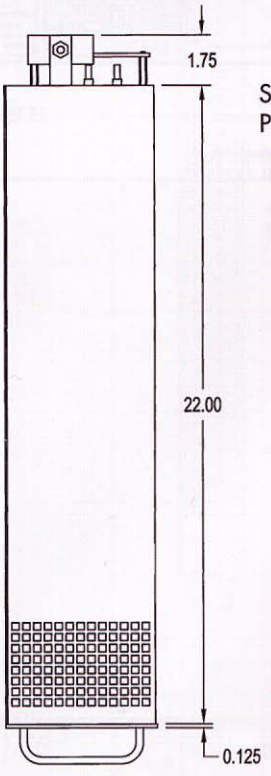




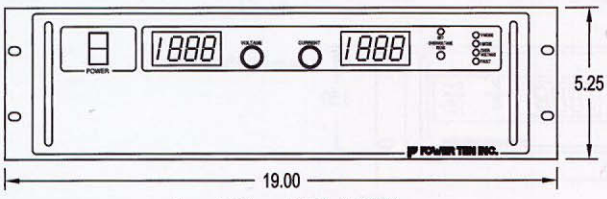
Rear View P63

Top View P63 & D3

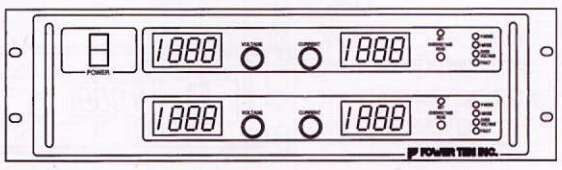




Side View P63 & D3



Front View P63 & P83



Front View D3

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