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OUTPUT SPECIFICATIONS (each output)

Voltage Range: 0V to 42V.

Current Range: 0A to 20A.

Power Range: Up to 420W - see PowerFlex envelope graph.

OVP range:

OVP Setting: Operating Mode:

cross-over.

Constant voltage or constant current with automatic



bandwidth):
Transient Response:
Temp. Coefficient:

Output Protection:

rotection Functions:

up to 3A.

Forward protection by OVP trip; maximum voltage 50V. Reverse protection by diode clamp for reverse currents

Typically <100ppm/°C.

Output on, CV, CI, Power Limit, Trip. Overvoltage trip. Over-temperature Trip

Output Terminals: Output Switch: Status Indication:

4mm terminals on 19mm (0.75") pitch. 30A max.
Switchable Local/Remote. Remote via spring-loaded Electronic. Preset levels displayed when output is off. Output Impedance:

Ripple & Noise (20MHz

>5kW in constant current mode.

Typically <1mV rms, <10mV pk-pk, both outputs fully loaded (10A @ 42V).

<250us to within 50mV for 90% load change.

<0.01% for a 10% line voltage change.

Typically <5mW in constant voltage mode. Typically

Line regulation:

Current Setting

By coarse and fine controls.

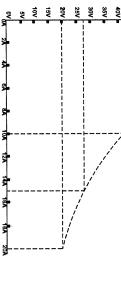
By single logarithmic control.

10% to 110% of maximum output voltage. Via screwdriver adjustable preset on front panel

<0.01% for a 90% load change.

.oad regulation: oltage Setting:





PowerFlex Power Envelope (420W max. per output)

- PowerFlex design gives variable voltage &
- Higher current capability at lower voltages
- Variable OVP trips
- Precision control & metering
- Selectable remote sense terminals

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Isolated
outputs,
420
watts
each

- power range. current combinations within a maximum

METER SPECIFICATIONS (each output)	(each output)
Meter Types:	Separate 4 digit meters for voltage and current with 14mm (0.56") LED displays. Update 4/sec.
Meter Resolutions:	10mV, 10mA.
Meter Accuracies:	Voltage 0.1% ±2 digit, Current 0.3% ±2 digit.
GENERAL	
AC Input:	115V AC ±10%, 50/60Hz.
AC IIIpar.	Installation Category II.
Power Consumption:	1100VA max.
Cooling:	Rear discharge 'smart' fan
Operating Range:	+5°C to +40°C, 20% to 80%
RH. Storage Range:	-40°C to + 70°C.
Environmental:	Indoor use at <2000m, Pollution Degree 1.
Safety:	Compiles with EN61010-1.
EMC:	Compiles with EN61326
Size:	210 x 130 x 350mm (WxHxD) half rack width x 3U

height (optional rack mounting kit available)

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