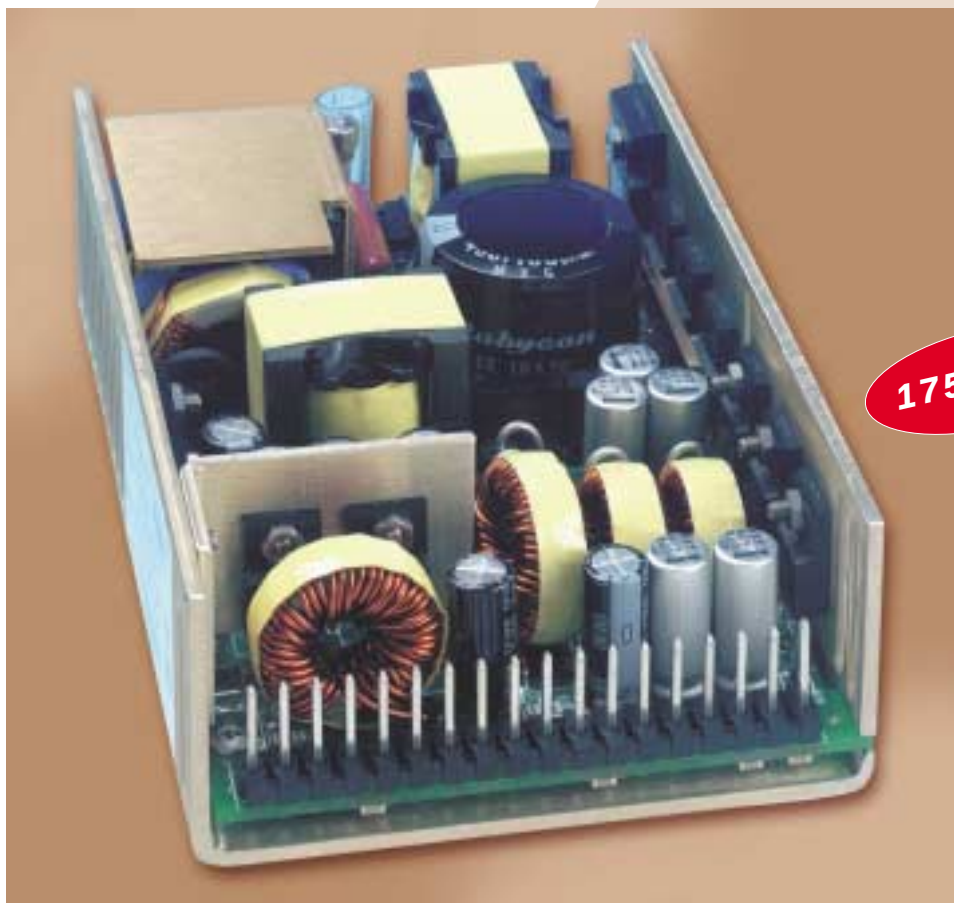


eF175-4xx

175 Watt compact size 4 output AC/DC power supply

Main Features

- Ultra small size - 127 x 84 x 38mm, for 1U cabinets, smallest in the market!
- Worldwide universal input 85-264VAC - Active power factor correction
- 1.5V, 1.8V, 2.5V, 3.3V, -5V, +5V and $\pm 12V$, ± 15 , $\pm 24V$ outputs
- Hold up time 16 mSec at full load
- Conducted and radiated emission per EN-55022 class B requirements
- Worldwide safety approvals TUV, CSA, UL and CE mark pending
- Highest efficiency in the market



175 Watt !



Typical applications

- 1U cabinet installation
- Wireless data and telephone equipment
- High grade computers
- Instrumentation
- High density power requirement packages

telkoor power supplies Ltd.

Natanya, Israel.
T 972-9-8632310,
F 972-9-8658444,
sales@telkoor.com
www.telkoor.com

Fremont, CA
T 510-657-2635,
F 510-657-6634,
telkoorsales@digipwr.com
www.digipwr.com

Salisbury, England
T 44 (0) 1722 413060,
F 44 (0) 1722 413034,
telkoorsales@greshampower.com
www.greshampower.com

Ordering Information

Model No .	Des.	Voltage	Current	R & N	Efficiency
eF175-433	V1	5V	15A	50mV	81% @110V
	V2	3.3V	15A	50mV	85% @230V
	V3	+12V	3.5A	100mV	
	V4	-12V	1.5A	100mV	
eF175-437	V1	2.5V	15A	50mV	78% @110V
	V2	3.3V	15A	50mV	80% @230V
	V3	12V	3.5A	100mV	
	V4	-12V	1.5A	100mV	
eF175-915	V1	5V	15A	50mV	79% @110V
	V2	2.5V	12A	100mV	81% @230V
	V3	15V	4A	100mV	
	V4	-12V	1.5A	100mV	
eF175-418	V1	1.8V	15A	50mV	76% @110V
	V2	3.3V	15A	50mV	78% @230V
	V3	+5V	3.5A	100mV	
	V4	-5V	1.5A	100mV	

Other output combinations available upon request
1.5V < V1, V2 < 5V
12V < V3, V4 < 48V

Input

- 85-264VAC - Wide range
- Input frequency range 47 - 63Hz
- Input inrush current-less than 15A@115V 30A@220V cold start
- Input reflected ripple per FCC 68 part 15 class B.
- Active power factor correction - 0.98 typical @110 & 220V input, full load.

Output

- Output voltage - Per model no. See table above
- Output current - Per model no. See table above
- Line & load regulation - $\pm 2\%$ Max. for V1 & V2
 $\pm 2\%$ Max. for V3 & V4
- Hold-up time - 16 mSec minimum at full load,
- Isolation - input/case > 1500V AC
input/output-3000V AC
output/case-500V DC

- Protection - output protected against over-load short-circuit and over-voltage
- Over temperature cut out - non latched type

Environmental

- Operation temperature range -5°C to +50°C linear derating of 2.5% per degree up to 71°C
- Storage temperature range -25°C to +85°C
- Forced air cooling - 30CFM for max output power 175W
- Natural convection for max 100W output power
- EMI / RFI - Meets EN55022 class B & IEC-1000 requirements
- MTBF - 150,000 hours typical
- Safety - EN-60950, UL-1950 and CE marking

Mechanical

- Size - 127 x 84 x 38(mm) (5"x3.3"x1.5")
- Weight - 550 gr. Max.
- Cover - optional

Interface

- Input AC connection - Molex, 3P, 0.2" 41695 series
- Output connections - Molex 18p header 26-48-1185

Outline Drawing

