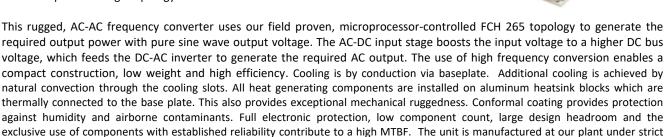
150VA, Rugged, Industrial Quality AC-AC Frequency with 26Vac, 400Hz Output 110V or 230Vac Input to 26Vac Output at 400Hz FC 150-E/26M-F3 Series

- Sinusoidal output voltage
- Rugged, industrial quality
- Filtered input
- Conduction/convection cooled
- Full electronic protection
- Field-proven design topology



SPECIFICATIONS

Input Voltage

quality control.

110Vac or 230Vac (47... 63Hz) Factory selected for required input

Input Protection

Inrush current limiting
Varistors
Internal safety fuse
Lower voltage than the specified
minimum input will not damage
the unit

Isolation

2250Vdc input to chassis 3000Vdc input to output 1500Vdc output to chassis Floating output

Standards

Designed to meet C22.2 No. 107.1 - 01, UL 458 and EN62368-1

ЕМІ

EN55032 Class A with margins

Output Voltage 26Vac/6A, 400Hz

150VA continuous; Output is floating, either terminal can be grounded Other outputs are available on request.

Output Wave Form

Sinusoidal

Total Harmonic Distortion

Less than 5% at full load

Line/Load Regulation

 $\pm\,3\%$ from zero load to full load

Load Crest Factor

2 at 90% load

Output Noise

High frequency ripple is less than 500mVrms (20MHz BW)

Output Overload Protection

Current limiting with short circuit protection.

Thermal shutdown with automatic recovery in case of insufficient cooling

Output Overvoltage Protection

40Vac by internal supply voltage limiting

Efficiency

Typically, 80% at full load

Operating Temperature Range

 0° C to +50 $^{\circ}$ C for full specification Extended temperature ranges available

Temperature Drift

0.05% per °C over operating temperature range

Cooling

Conduction via base plate to customer heat-sink or chassis and natural convection

Environmental Protection

Basic ruggedizing Conformal coating

Shock/Vibration

IEC 61373 Cat 1 A&B

Humidity

5 - 95% non-condensing

MTBF

Min. 120,000 hours at 45°C Demonstrated MTBF is significantly higher

Indicators

None

Control Input

None

Alarm Output

None

Option: output fail alarm (Form C)

Package/Dimensions (W x H x D)

F3: 132 x 62 x 290 mm 5.2" x 2.43" x 11.4" Includes mounting flanges, excludes connector Mounting holes are clear

Weight

2kg; 4.4lb

Connections

12-pole barrier type terminal block, 3/8" spacing

RoHS Compliance

Compliant

Warranty

Two years subject to application within good engineering practice

Terminal Block Pin-out

OUTPUT							INPUT				
NOT USED	25	3 ₪		NOT USED		NOT USED	NOT USED	NOT USED	ᇹᆌ	>>	₹?
1	2	3	4	5	6	7	8	9	10	11	12

ABSOPULSE power supplies are designed and built to customer requirements. The specifications on this data sheet are generic guidelines only and are subject to change.

OEM of industrial and railway quality DC-DC converters, AC-DC power supplies and battery chargers, DC-AC sine-wave inverters, phase and frequency converters, DC-output UPS systems and complete power systems in 19" and 23" racks since 1982. Custom or standard. ABSOPULSE is a BABT-approved Facility.



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