

682VA – 16KVA

60 HZ input – 50 HZ output

SINGLE PHASE

Model: **AFA 3**

Electronic Advanced Frequency Converter

FEATURES

- IGBT Pulse Width Modulation Technology

CONTROL PANEL

(682VA – 2.0KVA Models)

- On / Off Pushbutton
- Line LED
- Inverter LED
- Fault LED
- Load Level Bargraph Display

(3.1KVA – 16KVA Models)

- On / Off Pushbutton
- LCD Display including:
 - Output Frequency / Voltage
 - Output Current / % Load
 - Input Voltage
 - Heat Sink Temperature

INPUT / OUTPUT

(682VA – 2.0KVA Models)

- Detachable Input Cord
- Fused Output Receptacles, NEMA 6-15R

(3.1KVA – 16KVA Models)

- Input & Output Terminal Connection Blocks

PROTECTION

- Supplemental Input Circuit Breaker
- Built-in output over current protection
- Over-temperature protection, heat sink
- Output Power Factor: 1.0
- Temperature: 0-40°C operating
- Humidity: 0-90% Rh (non-condensing)
- Caster Wheels (3.1KVA – 16KVA Models)

MODEL	OUTPUT CAPACITY KVA=KW	OUTPUT FREQUENCY REGULATION	OUTPUT VOLTAGE	OUTPUT VOLTAGE REGULATION (Linear Load)	OUTPUT CURRENT (NOTE 1)	OUTPUT DISTORTION (THD, max)	INPUT VOLTAGE	INPUT CURRENT (APPROX) (NOTE 2)	DIMENSIONS HxWxD (in.)	WEIGHT (lbs)
AFA30006	682VA	50Hz ± 0.5%	Single Phase: 110V or 220V, 2 Wires as specified	± 1%	G: 6.2A I: 3.1A	5%	Single Phase: 115V, 208V, 230V; 2 Wires as specified	B: 8A C: 4A E: 3.5A	B: 13.1x8.9x21.5 9.5x5.8x14.8	B: 45 25
AFA30013	1.38KVA				G: 12.6A I: 6.3A			C: 8A E: 7A	10.7x7.8x21.1	G: 45 35
AFA30020	2.09KVA				G: 19.0A I: 9.5A			C: 12A E: 11A	13.3x8.3x21.7	G: 56 46
AFA30031	3.16KVA				I: 14.4A	C: 24A E: 22A		32.2x10.5x26	190	
AFA30039	3.98KVA				I: 18.1A	C: 30A E: 27A			195	
AFA30047	4.79KVA				I: 21.8A	C: 36A E: 32A			230	
AFA30063	6.38KVA				I: 29.0A	C: 48A E: 43A			330	
AFA30079	7.98KVA				I: 36.3A	C: 60A E: 54A		465		
AFA30119	11.99KVA				I: 54.5A	C: 89A E: 80A		34x14x33.5	530	
AFA30160	15.99KVA				I: 72.7A	C: 119A E: 107A			640	

Notes: 1) OUTPUT G=110V, I=220V 2) INPUT: B=115V ; C=208V; E= 230V

Specifications subject to change without notice.

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Advanced Power & Controls, LLC

605 E ALTON AVE STE A · SANTA ANA, CA 92705

Tel (714) 540-9010 · Fax (714) 540-5313

www.AdvancedPowerControls.com

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