

500VA – 30KVA

SINGLE PHASE

Model: **AFP 2**

60 HZ input – 40.0 - 499.9 HZ output

Electronic Advanced Frequency Converter

1KVA – 30KVA MODELS

- IGBT Pulse Width Modulation Technology
- Sinewave Output *
- 4-Place Thumbwheel Switch for Precise Output Frequency Adjust Control
- Output Voltage Adjust Control *
- Output Voltage Range Switch *
- On/Off/Reset Operators *
- Built-in Output Metering:
 - Volts
 - Amps
 - Frequency
 - Watts
- Sheet Metal Enclosure *
- Caster Wheels, (2KVA - 30KVA Models)
- Electrical Protection:
 - Electronic Overload
 - Supplemental Input and Output Circuit Breakers
- Internal Over-Voltage and Over-Temperature Protection *
- Output Power Factor: 0.8 PF *
- Temperature: 0-40C operating *
- Humidity: 0-90% Rh, (non-condensing) *
- Input / Output Terminal Blocks, (2KVA – 30KVA Models)
- Input Line Cord (500VA and 1KVA Model)
- Output On / Off Switch and Universal Outlet (500VA and 1KVA Model)

500VA MODEL

- MOSFET Transistor Amplifier Technology
- Output Frequency Selector Switch
- Output Frequency Adjust Control
- Output On/Off Switch
- Universal Outlet & Banana Jacks for output connections
- Electrical Protection:
 - Electronic Overload
 - Supplemental Input Circuit Breaker
- Built-in Output Digital Metering:
 - Volts
 - Amps
 - Frequency
 - Watts / Power Factor
- Input Line Cord

* Common to all models

MODEL	OUTPUT CAPACITY	OUTPUT FREQUENCY	OUTPUT FREQUENCY REGULATION	OUTPUT VOLTAGE	OUTPUT VOLTAGE REGULATION	OUTPUT CURRENT (MAX) (NOTE 1)	OUTPUT DISTORTION (THD)	INPUT VOLTAGE (NOTE 2)	DIMENSIONS HxWxD (in.)	WEIGHT (lbs)
AFP20005	500VA	47-63Hz, 50Hz, 60Hz, 400Hz	±0.01%	0-150V (Low Range) 0-300V (High Range)	±1%	L: 4.2A H: 2.1A	2%	115V, 208V, or 230V, 1-Phase 2W ±10%	7.6x17x18.5	100
AFP20010	1KVA	40.0Hz to 499.9Hz				L: 8.4A H: 4.2A		208V or 230V, 1-Phase 2W ±10%		26.6x13.8x21
AFP20020	2KVA					L: 16.8A H: 8.4A		(NOTE 2)	34x13.8x21	
AFP20030	3KVA					L: 25A H: 12.5A				140
AFP20050	5KVA					L: 41.6A H: 20.8A		160		
AFP20080	8KVA					L: 66.5A H: 33A		215		
AFP20100	10KVA					L: 83.2A H: 41.6A		289		
AFP20150	15KVA					L: 125A H: 62.5A		300		
AFP20200	20KVA					L: 166A H: 83A		350		
AFP20300	30KVA	L: 250A H: 125A				500				

NOTES: 1: L= Low Range (120VAC Nominal) H= High Range (240VAC Nominal) 2: 400Hz input optional

Specifications subject to change without notice.
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