



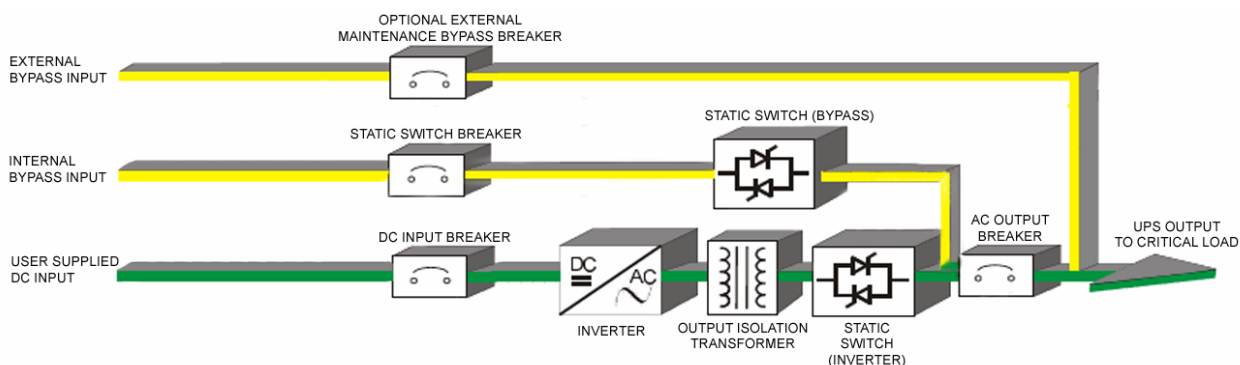
Industrial 120VDC 10 to 60KVA Inverter

Professional Series (ProUPS) DC to AC Inverter

- True On-line Technology for Maximum Power Protection
- Available in 10kva, 15kva, 20kva, 30kva, 40kva, 50kva, and 60kva Power Ratings
- Single or Three Phase Outputs
- 50Hz or 60Hz Models
- 105 – 150VDC Input Acceptance Range
- 20-Year Design Life
- Solid State Static Transfer Switch Standard
- Copper Wound Transformers
- LCD Monitoring Panel
- LED Power Flow Diagram
- Ethernet RJ45 Communications Port
- Form "C" Alarm Interface Contacts
- Light Gray Powder Coat Finish
- Built to Meet UL1778, NEMA, NEC, ANSI and FCC requirements



10-15KVA Model





Industrial 120VDC 10 to 60KVA Inverter

Technical Specifications															
Model	10kva		15kva		20kva		30kva		40kva		50kva		60kva		
Full Load DC Input	80A		120A		160A		240A		320A		400A		480A		
Max DC Input	95A		143A		190A		286A		381A		476A		571A		
AC Output Three-Phase															
Output Voltage VAC	120	208	120	208	120	208	120	208	120	208	120	208	120	208	
Frequency (Hz)	60Hz		60Hz		60Hz		60Hz		60Hz		60Hz		60Hz		
Full Load (Amps)	28.7	12.0	41.7	18.1	55.6	24.1	83.4	36.1	111.2	48.2	139	60.2	166.8	72.3	
AC Output Single-Phase															
Output Voltage VAC	120	240	120	240	120	240	120	240	120	240	120	240	120	240	
Frequency (Hz)	60Hz		60Hz		60Hz		60Hz		60Hz		60Hz		60Hz		
Full Load (Amps)	83.4	41.7	126	63	166	83	250	125	334	167	416	208	500	250	
Mechanical															
Size W x D x H (in)	31.5x30x65		31.5x30x65		63x30x65		63x30x65		63x30x65		81x30x65		81x30x65		
Weight (lbs)	1,200		1,300		1,480		1,910		2,570		2,870		3,210		

Output

Regulation: $\pm 2\%$ from 0 to 100% load over entire DC
Input range of 105VDC to 150VDC
Output THD: $< 3\%$ linear, $< 5\%$ nonlinear load
Overload: 120% for 15 min, 150% for 1 min
Crest Factor: 3:1
Slew Rate: 1Hz per second (adjustable)
Frequency: $\pm 0.01\%$ free running

General Information

Cable Entry: Top or Bottom
Ventilation: Forced Air N+1
Paint: Light Gray Powder Coat
Cabinet: Seismic Zone 4 Rated

Environmental

Ambient Temperature: 0°C to 40°C
Relative Humidity: Up to 95% non-condensing
Acoustical Noise: 65dB 'A' scale @ 1 meter
Altitude: 5,000 Ft without de-rating
Storage Temperature: -20°C to 70°C

Note:

- Specifications shown reflect standard 60Hz Inverter models. Models of 50Hz, 400Hz, or other input/output/battery voltage configurations are available by contacting the factory.
- All data is subject to change without notice.