FEATURES

HP3200 Series **3200W 3 Phase Power Supply**

- Active Power Factor Correction
- Redundant operation
- 93% Efficiency
- True Three Phase Delta & Y 480Vac Input
- Single Wire Current Sharing
- I2C interface, PMBus Compatible
- Variable fan speed control
- UL, cUL, CB, CE and DEMKO

SPECIFICATION

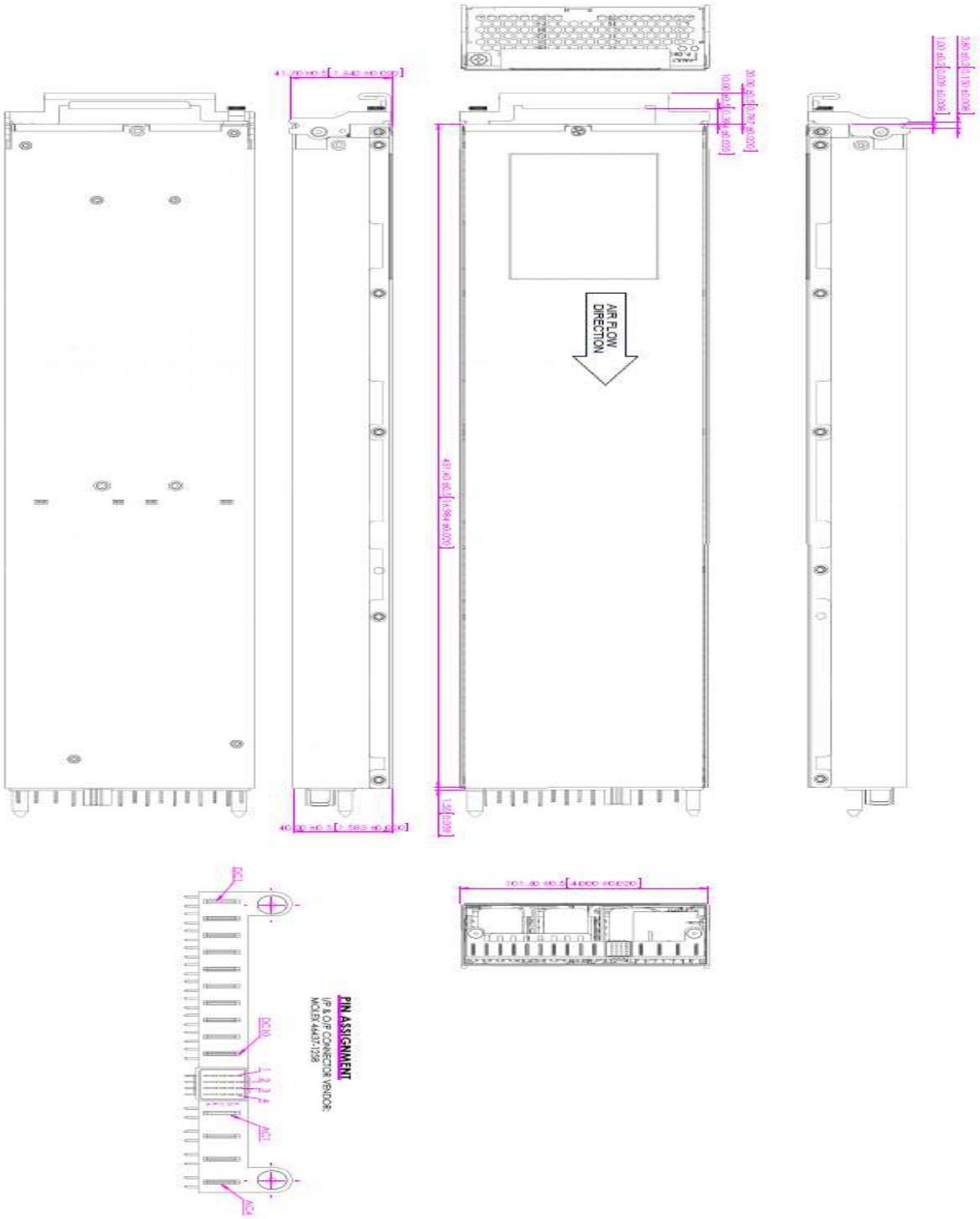
Model		HP3200-x121
Output	DC Output	12Vdc (3200 Watts with self-contained fan cooling)
	Ripple & Noise	1% Pk to Pk
	Line Regulation	±0.2%
	Load Regulation	±1% on both outputs
	Transient Response	2% Maximum deviation; returns to initial condition in 1 msec max.
	Long Term Stability	0.01% after 20 minute warm-up
	Hold-Up Time	12msec minimum
	OVP	115% to 135% on both outputs
Input	Input Range	180-523VAC 3 Phase
	Frequency	47-63Hz
	EMI filter	EN55022 Class A, FCC
	Inrush Current	≤64A@480
	Input Current	30A @ 305VAC
	Isolation (Input to Output)	4242 VDC
	Efficiency	93% Max.
	Active PFC	0.99
	Switching Frequency	130KHz
	Leakage	≤3.5mA
Protections	Short-circuit	Constant current with delayed latching method on the primary output. The 12V standby utilizes the hiccup method.
	Overload	Constant current with delayed latching method on the primary output. The 12V standby utilizes the hiccup method. The constant current method allows for a 5-second delay before the power supply shuts down if the output current rating exceeds 110% to 130% of maximum rated output current. The input must be recycled manually or digitally reset.
	Over Temperature	The power supply will shut down if temperature is greater than 100°C (internal temperature). The power supply is self-recovering once the internal temperature falls bellow 71°C
Environment	Humidity	Up to 95% non-condensing
	Temperature Coef.	±0.01% / °C
	Operating Temperature	0 to ±50°C continuous duty, full rating. Derate linearly to 50% of full rating at ±71°C.

Safety	**UR**	UL60950-1 Second Edition
	cUR	cUL60950-1 Second Edition
	DEMKO	EN60950-1 Second Edition
	CE	
	CB	IEC 60960
Features	**FET Isolation**	Internal FET isolation provided for N+1 redundant operation.
	Current Sharing	Outputs will current share within 5% when interconnected by a single wire
	Digital Voltage Adjustment	The voltage adjustment allows +/- 10% remote adjustment
	PS On	The secondary outputs are enable only upon mating a shorter enable pin to output common on the customers backplane.
	AC Fail	A TTL low signal provides a 4ms warning prior to DC outputs dropping out of regulation.
	Fault	A TTL high logic signal provides warning of output voltage below 90% of nominal, fan fault or over temperature.
	Power Okay	A TTL high logic signal is provided when the input and output voltages are within normal operating conditions.
	PS Present	A pin on the power supply is used to identify that the power supply has been installed into the customers backpane.
	Inhibit	A TTL low logic signal sent to inhibit the main output. Upon release of the signal, output are restored.
	I2C	Monitors temperature, output voltage, input voltage, input current, and output current; control Fan speed, Fan LED and connects to a serial NVRAM which is programmed with serial number. PMBUS software allows monitoring of overall operation of power supply.
Other	**Dimensions**	16.98” L*3.9” W * 1.58”H (431.3mm * 99.0mm * 40.2mm)
	Weight	6.7 lbs.
	RoHS	Complies with EU Directive 2011/65/EU for the restriction of certain hazardous substances

Model No. / OUTPUT VOLTAGE / CURRENT RATINGS CHART

Model No.	O/P Voltage (Vdc)	Minimum	Maximum
HP3200-X121	12V	0A	266.6A
	12VSB	0A	2.0A

Mechanical Specifications



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
AUTEC IS NOT RESPONSIBLE FOR ISSUES ARISING FROM ERRORS OR OMISSIONS