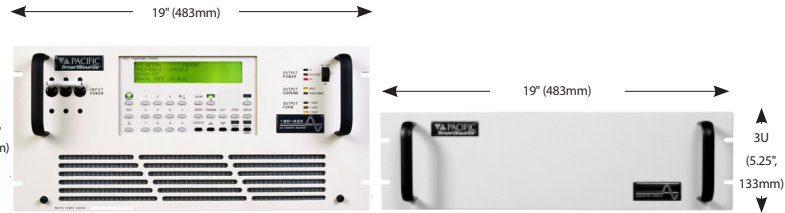
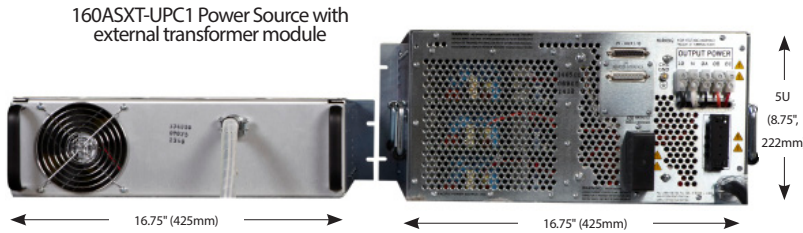


160ASXT-UPC1 Power Source with external transformer module



160ASXT-UPC1 Power Source shown with external high range magnetics module.

General/Environmental

Temperature:	Operating: 0° to 55° C Storage: -10° to 70° C
Humidity:	0 - 95%, Non-condensing
Cooling:	Front and side forced air intake (300 CFM) with rear exhaust. Automatic Fan Speed Control for low acoustic noise and extended fan life.
Altitude:	Operating: 6,500 Ft (1,981m) Storage: 40,000 Ft (12,192 m)
Heat Dissipation:	3kBTU/ hr (Full kW Load)
Audible Noise:	Variable speed fans 65 dba Max @ 1 Meter
Agency Approvals:	Safety UL 61010 -1 EN 61010 -1 EMC EN 61326 -1

Protection and Safety

Hardware	Over-current, short circuit, over- temperature
Programmable Current Limit	A single RMS programmed, average responding, value provided for all phases. Limits current by reducing output voltage.
Programmable Current Protect	Allows the power source to operate in "constant voltage" mode, interrupting output when specified current protect limit is exceeded.

Mechanical Specifications

Height	160ASX: 5U (8.75", 222mm) Transformer Module: 3U (5.25", 133mm)
Depth	160ASX: 23.12" (587mm) Transformer Module: 23.5" (597mm) (Approx. from front panel to the rear of chassis).
Weight	160ASX - 120lbs (54.5kg) Transformer Module: 120 lbs (54.5 kg)
Mounting	Standard 19" rack (483mm). Cabinet options available.

Hardware Options

/M7073	Safety Interlock Normally Open Contacts
/M99413	Safety Interlock Normally Closed Contacts
/P000828	15U rack enclosure, heavy duty vertical cabinet with casters and rear screen. Ordered as separate line item.
/MXXXXX	Other factory specified modification

Software/Firmware Options

/S	RS-232 Interface, 38.4 Kbps (std UPC-1)
/G	GPIB Interface, IEEE-488.2, (std UPC-12)
/Prog-z	Programmable Output Impedance (not available with UPCxM)
/HAS	Harmonic Analysis and Synthesis (not available with UPCxM)
/IR	In-Rush Meter. Capture and view peak in-rush current values via front panel or remote interface (UPC-3 only).
Test MGR	UPC Test Manager License: Create, edit, and execute Test sequences and reports. Ordered as separate line item.
Test SEQ	Avionics test sequences; DO-160, ABD-0100, ABD-0100 (A350), Ordered as separate line item, Requires 'Test' Manager License.

Ordering Information

Model	Controller	Options	T-Ratio (160SXT Only)	Input Voltage (V_{IN})
<input type="checkbox"/> 160ASX	<input type="checkbox"/> UPC1M	See List Above	<input type="checkbox"/> Ratio 1.5:1	<input type="checkbox"/> 208 VACΔ ± 10%, 47-63Hz
<input type="checkbox"/> 160ASXT	<input type="checkbox"/> UPC1		<input type="checkbox"/> Ratio 2.0:1	<input type="checkbox"/> 220VACΔ ± 10%, 47-63Hz
	<input type="checkbox"/> UPC12		<input type="checkbox"/> Ratio 2.5: 1	<input type="checkbox"/> 240VACΔ ± 10%, 47-63Hz
				<input type="checkbox"/> 220/380VAC ± 10%, 47-63Hz
				<input type="checkbox"/> 230/400VAC ± 10%, 47-63Hz
				<input type="checkbox"/> 240/416 VAC ± 10%, 47-63Hz
				<input type="checkbox"/> 277/480VAC ± 10%, 47-63Hz (Consult Factory)

Available Models

With Manual Controller

160ASX-UPC1M
160ASXT-UPC1M

With Programmable Controller

160ASX-UPC1 160ASX-UPC12
160ASXT-UPC1 160ASXT-UPC12



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Order Example

160ASXT-UPC1/G, T= 2.0:1, V_{IN} : 220/380VAC

- 6 kVA, 1-Phase, AC Power Source with optional transformer assembly and UPC-1 programmable controller.
- Optional GPIB Interface
- 2.0:1 Transformer Ratio
- 220/380V, 3 Phase Input Voltage

Typical Delivery Items

- AC Power Source
- English Manuals (AC Source and Controller)
- UPC Studio Software - (Download)
- UPC Interactive LabVIEW™ Libraries (Download)
- Compliance Certificate with Test data
- CE Conformity Document (CE Models)