

XM3-HP CableUPS®

Next-Generation Uninterruptible Power Supply



From ground-breaking transformer design improvements to the integration of the most intuitive and user-friendly interface in the industry, the Alpha XM3-HP CableUPS incorporates significant technological advancements across the entire power technology platform, and sets the new standard in **intelligent power management**. These advancements focus on delivering three primary benefits: Improved Efficiency, Optimized Performance and Reduced Operating Costs.

1 AlphaGuard

Embedded battery balancing to maximize battery life and optimize performance.

2 Advanced Ferro Technology

Maximum power efficiency under all modes of operation.

3 AlphaApps

Intelligent diagnostics for remote preventative maintenance of batteries and power train.

4 Advanced Battery Management

Dynamic 5-stage charger technology maximizes AlphaCell™ battery life.



6 Alpha DOC

Dual Output Controller manages output for network power designs.

5 Alpha Smart-Display

Four-line display with intelligent, virtual keypad for optimal provisioning and diagnostics.

7 AlphaNet™ DOCSIS-Based Communications

Intelligent monitoring and power system management.

Models:	906E-HP	906E-HP-24	910E-HP	915E-HP	608CE-HP	608CE-HP-24	615CE-HP	622CE-HP
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Parameters								
Nominal AC Input Voltage:	200-240VAC	200-240VAC	200-240VAC	200-240VAC	230VAC	230VAC	230VAC	230VAC
Nominal Input Frequency:	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Input Frequency Tolerance:	±3%	±3%	±3%	±3%	±3%	±3%	±3%	±3%
Input Voltage Operating Range Tolerance:	-30% / +20%	-30% / +20%	-30% / +20%	-30% / +20%	-25% / +20%	-25% / +20%	-25% / +20%	-25% / +20%
Output Voltage:	48 / 63 / 89VAC	48 / 63 / 89VAC	48 / 63 / 89VAC	63 / 89VAC	48 / 63 / 89VAC	48 / 63 / 89VAC	48 / 63 / 89VAC	63 / 89VAC
Output Voltage Regulation:	-5 / +1	-5 / +1	-5 / +1	-5 / +1	-3.5 / +1.5	-3.5 / +1.5	-3.5 / +1.5	-3.5 / +1.5
Maximum Rated Output Current:	8 / 8 / 6A	8 / 8 / 6A	15 / 15 / 10A	22 / 15A	8 / 8 / 6A	8 / 8 / 6A	15 / 15 / 10A	22 / 15A
Output Power:	534VA	534VA	900VA	1350VA	504VA	504VA	900VA	1408VA
Line Mode Efficiency:	Up to 94%	Up to 94%	Up to 94%	Up to 94%	Up to 94%	Up to 94%	Up to 94%	Up to 94%
Standby Efficiency:	Up to 91%	Up to 91%	Up to 91%	Up to 91%	Up to 91%	Up to 91%	Up to 91%	Up to 91%
Bulk Charger Current (@ 80% Load & Nom Line):	6A	6A	10A	10A	6A	6A	10A	10A
Battery Voltage:	36VDC	24VDC	36VDC	36VDC	36VDC	24VDC	36VDC	36VDC*

Mechanical

Inverter Module:	Front plug in, hot-swappable inverter module							
Dimensions H x W x D (in/mm):	7.8 x 15 x 10 / 198.1 x 381 x 254, With Handle: 7.8 x 16.7 x 10.7 / 198.1 x 424.18 x 271.8							
Weight (lb/kg):	52.5 / 23.8	52.5 / 23.8	53 / 24.1	67 / 30.5	52.5 / 23.8	52.5 / 23.8	53 / 24.1	60 / 30.5
Input Power Connector:	IEC 320/C20							
Battery Connector:	Anderson style 75A							
Remote Temperature Sensor:	Ring lug fastens to negative terminal on center battery							
Display:	4 line by 20 character blue LCD with soft-key menu controls							
LRI Connector:	Pluggable Terminal Block	Anderson PP30's	Anderson PP30's	Pluggable Terminal Block	Anderson PP30's	Anderson PP30's	Anderson PP30's	Anderson PP30's
Mounting:	Shelf mounts inside suitably rated electrical enclosure							

Environment

Operating Temperature:	-40 to 60°C / -40 to 140°F (derate by 2°C / 3.6°F per 1,000 feet above 3,000 feet)
Storage Temperature:	-40 to 70°C / -40 to 158°F
Humidity:	≤ 95% non-condensing (relative)
Conformal Coating:	All printed circuit board assemblies to prevent moisture related failure

Safety Compliance

UL/CSA 60950-1, UL 1778, CSA 107.3 (NRTL/C):					✓	✓		
IEC 60950-1 (CB):	✓	✓	✓	✓	✓	✓	✓	✓
IEC 62040-1:					✓	✓	✓	✓
Safety Mark:					CE	CE	CE	CE

EMC Compliance

FCC Part 15 Class A:								
IEC/EN 50083-2 (CATV):					✓	✓	✓	✓
IEC/EN 65040-2 (UPS):			✓	✓	✓	✓	✓	✓
CISPR22:	✓	✓	✓	✓			✓	✓



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