

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.

5 Alpha Smart-Display
Four-line display with intelligent, virtual keypad for optimal provisioning and diagnostics.

6 Alpha DOC
Dual Output Controller manages output for network power designs.

7 AlphaNet™ DOCSIS-Based Communications
Intelligent monitoring and power system management.

Fine Mode Parameters	908HP	910HP	915HP	918HP
Nominal AC Input Voltage:	120Vac	120Vac	120Vac, 240Vac	120Vac
Nominal Input Frequency:	60Hz	60Hz	60Hz	60Hz
Input Frequency Tolerance (%):	±3	±3	±3	±3
Input Voltage Operating Range Tolerance (%):	-25 / +15	-25 / +15	-25 / +15	-25 / +15
Input Voltage Range (Vac):	90-138	90-138	90-138, 173-276	90-138
Output Voltage (Vac):	63 / 89	63 / 89	63 / 89	63 / 89
Output Voltage Regulation (%):	-2.5 / +1	-2.5 / +1	-2.5 / +1	-2.5 / +1
Maximum Rated Output Current:	8A	10A	15A	18A
Maximum Output Power (VA):	720	900	1350	1620
Line Mode Efficiency:	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%
Output Waveform:	Quasi-square wave	Quasi-square wave	Quasi-square wave	Quasi-square wave
Short Circuit Protection:	<150% of maximum current rating	<150% of maximum current rating	<150% of maximum current rating	<150% of maximum current rating
Transfer Characteristics:	Uninterrupted output	Uninterrupted output	Uninterrupted output	Uninterrupted output
Battery Voltage (Vdc):	36	36	36	36
Battery Charger	908HP	910HP	915HP	918HP
Temperature Compensation:	Programmable (0 to 5mV / Cell / °C)	Programmable (0 to 5mV / Cell / °C)	Programmable (0 to 5mV / Cell / °C)	Programmable (0 to 5mV / Cell / °C)
Bulk Charger Current:	10A	10A	10A	10A
5 Stages:	Refresh, Bulk, Accept, Float, Rest	Refresh, Bulk, Accept, Float, Rest	Refresh, Bulk, Accept, Float, Rest	Refresh, Bulk, Accept, Float, Rest
Mechanical	908HP	910HP	915HP	918HP
Inverter Module:	Front plug in, hot swappable inverter module			
Dimensions H x W x D (in/mm):	7.8 x 15 (16.7 w/handle) x 10 (10.7 w/handle) / 198.1 x 381 (424.18 w/handle) x 254 (271.8 w/handle)			
Weight (lb/kg):	48.5 / 22.0	49 / 22.3	60 / 27.2	60.5 / 27.5
Input Power Connector (IEC 320/C20):	NEMA 5-15P Plug	NEMA 5-15P Plug	NEMA 5-15P Plug / NEMA 6-15P Plug	NEMA 5-20P Plug
Battery Connector:	Anderson style 75A	Anderson style 75A	Anderson style 75A	Anderson style 75A
Remote Temperature Sensor:	Ring lug fastens to negative terminal on center battery			
Display	4 line x 20 character blue LCD with soft-key menu controls			
Environment				
Operating Temperature:	-40 to 60°C / -40 to 140°F (derate by 2°C / 3.6°F per 1000ft above 3000ft)			
Relative Humidity:	0 to 95% non-condensing			
Agency Compliance				
Safety:	CSA/UL 60950-1 (2 nd), UL 1778 (4 th) CSA No. 107.3, C/US			
EMC:	FCC Part 15 Class A			



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