



an EnerSys company

# XM3-HP CableUPS®

## Uninterruptible Power Supply

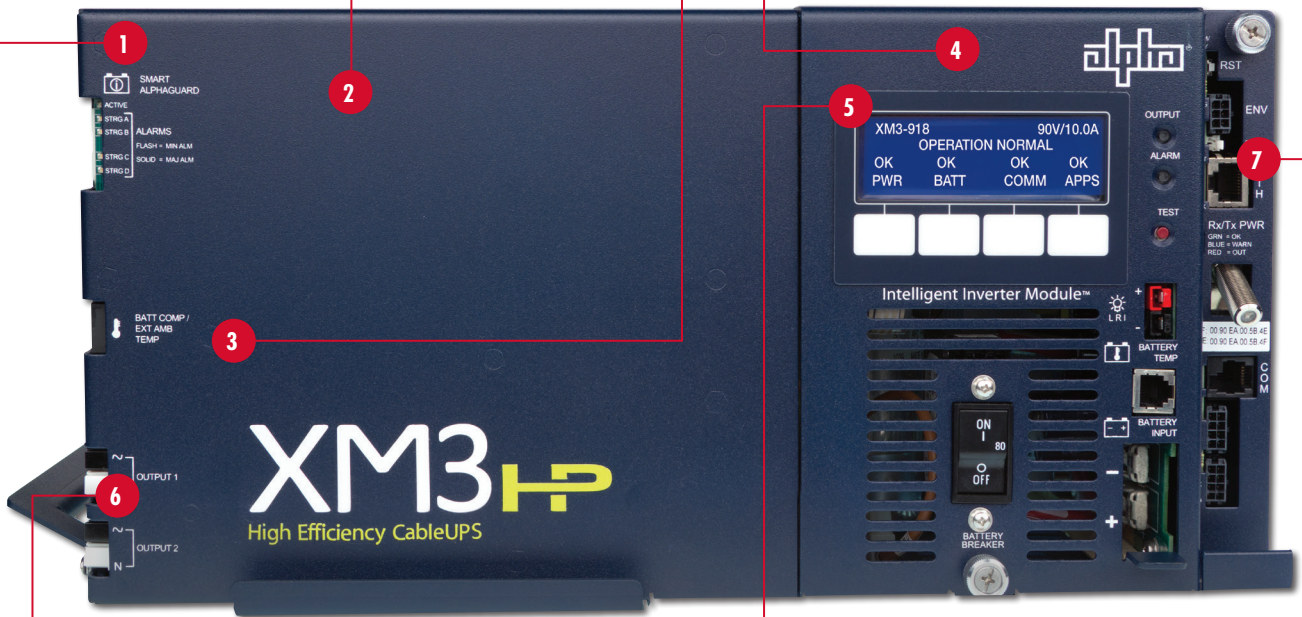
From ground-breaking transformer design improvements to the integration of the most intuitive and user-friendly interface in the industry, the Alpha XM3-HP CableUPS incorporates significant technological advancements across the entire power technology platform, and sets the new standard in intelligent 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

**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 keypad for optimal provisioning and diagnostics.

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

Fine Mode Parameters	908HP	910HP	915HP	918HP
<b>Nominal AC Input Voltage:</b>	120VAC	120VAC	120VAC, 240VAC	120VAC
<b>Nominal Input Frequency:</b>	60Hz	60Hz	60Hz	60Hz
<b>Input Frequency Tolerance (%):</b>	±3	±3	±3	±3
<b>Input Voltage Operating Range Tolerance (%):</b>	-25 / +15	-25 / +15	-25 / +15	-25 / +15
<b>Input Voltage Range (VAC):</b>	90 to 138	90 to 138	90 to 138, 173 to 276	90 to 138
<b>Output Voltage (VAC):</b>	63 / 89	63 / 89	63 / 89	63 / 89
<b>Output Voltage Regulation (%):</b>	-2.5 / +1	-2.5 / +1	-2.5 / +1	-2.5 / +1
<b>Maximum Rated Output Current:</b>	8A	10A	15A	18A
<b>Maximum Output Power (VA):</b>	720	900	1350	1620
<b>Line Mode Efficiency:</b>	Up to 94%	Up to 94%	Up to 94%	Up to 94%
<b>Standby Efficiency:</b>	Up to 91%	Up to 91%	Up to 91%	Up to 91%
<b>Output Waveform:</b>	Quasi-square wave	Quasi-square wave	Quasi-square wave	Quasi-square wave
<b>Short Circuit Protection:</b>	<150% of maximum current rating	<150% of maximum current rating	<150% of maximum current rating	<150% of maximum current rating
<b>Transfer Characteristics:</b>	Uninterrupted output	Uninterrupted output	Uninterrupted output	Uninterrupted output
<b>Battery Voltage (VDC):</b>	36	36	36	36

Battery Charger	908HP	910HP	915HP	918HP
<b>Temperature Compensation:</b>	Programmable (0 to 5mV / Cell / °C)	Programmable (0 to 5mV / Cell / °C)	Programmable (0 to 5mV / Cell / °C)	Programmable (0 to 5mV / Cell / °C)
<b>Bulk Charger Current:</b>	10A	10A	10A	10A
<b>5 Stages:</b>	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
<b>Inverter Module:</b>	Front plug in, hot swappable inverter module			
<b>Dimensions H x W x D (in/mm):</b>	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)			
<b>Weight (lb/kg):</b>	48.5 / 22.0	49 / 22.3	60 / 27.2	60.5 / 27.5
<b>Input Power Connector (IEC 320/C20):</b>	NEMA 5-15P Plug	NEMA 5-15P Plug	NEMA 5-15P Plug / NEMA 6-15P Plug	NEMA 5-20P Plug
<b>Battery Connector:</b>	Anderson style 75A	Anderson style 75A	Anderson style 75A	Anderson style 75A
<b>Remote Temperature Sensor:</b>	Ring lug fastens to negative terminal on center battery			
<b>Display</b>	4 line x 20 character blue LCD with soft-key menu controls			

Environment	
<b>Operating Temperature:</b>	-40 to 60°C / -40 to 140°F (derate by 2°C / 3.6°F per 1000ft above 3000ft)
<b>Relative Humidity:</b>	0 to 95% non-condensing

Agency Compliance	
<b>Safety:</b>	CSA/UL 60950-1 (2nd), UL 1778 (4th) CSA No. 107.3, C/US
<b>EMC:</b>	FCC Part 15 Class A