



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 and optimize performance.

### 2 Advanced Ferro Technology

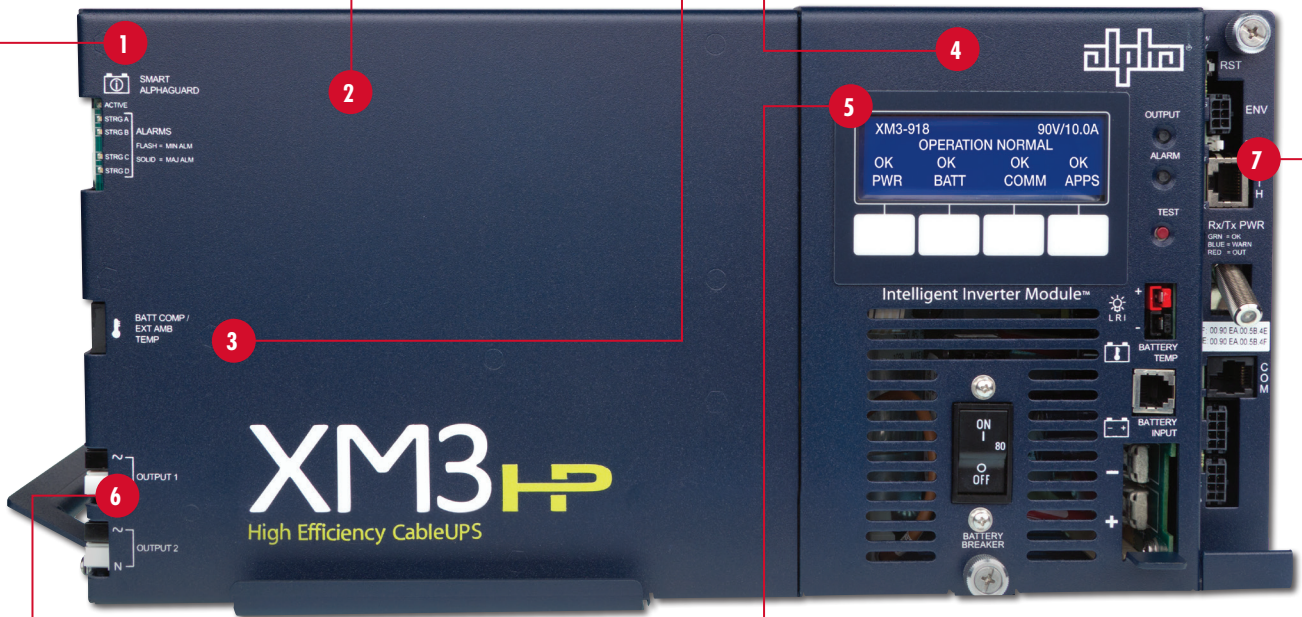
Maximum power efficiency under all modes of operation.

### 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 keypad, virtual keypad for optimal provisioning and diagnostics.

### 7 AlphaNet™ DOCSIS-Based Communications

Intelligent monitoring and power system management.

Models:	915M-HP	915P-HP	910E-HP	915E-HP	615CE-HP	622CE-HP	908HP	910HP	915HP	918HP
<b>Parameters</b>										
Nominal AC Input Voltage (VAC):	127	200-240	200-240	200-240	230	230	120	120	120	120
Nominal Input Frequency:	60Hz	60Hz	50Hz	50Hz	50Hz	50Hz	60Hz	60Hz	60Hz	60Hz
Input Frequency Tolerance (%):	±3	±3	±3	±3	±3	±3	±3	±3	±3	±3
Input Voltage Operating Range Tolerance (%):	-34 / +15	-30 / +20	-30 / +20	-30 / +20	-30 / +20	-30 / +20	-30 / +15	-30 / +15	-30 / +15	-30 / +15
Output Voltage (VAC):	63 / 89	63 / 89	48 / 63 / 89	63 / 89	48 / 63	63	63 / 89	63 / 89	63 / 89	63 / 89
Output Voltage Regulation:	-5 / +1	-5 / +1	-5 / +1	-5 / +1	-6 / +1.5	-6 / +1.5	-5 / +1	-5 / +1	-5 / +1	-5 / +1
Maximum Rated Output Current:	15A	15A	15A / 10A	22A / 15A	15A	22A	8A	10A	15A	18A
Output Power (VA):	1350	1350	900	1350	900	1408	720	900	1350	1620
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%	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%	Up to 91%	Up to 91%
Bulk Charger Current (@ 80% Load & Nom Line):	10A	10A	10A	10A	10A	10A	10A	10A	10A	10A
Battery Voltage (VDC):	36	36	36	36	36	36*	36	36	36	36
*XM2-622CE will continue as a 48V model until further notice.										
<b>Mechanical</b>										
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 <b>With handle:</b> 7.8 x 16.7 x 10.7 / 198.1 x 424.18 x 271.8									
Weight (lb/kg):	60 / 27.2	60 / 27.2	53 / 24.1	67 / 30.5	53 / 24.1	67 / 30.5	48.5 / 22.0	49 / 22.3	60 / 27.2	60.5 / 27.5
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 x 20 character blue LCD screen with soft-key menu controls									
LRI Connector:	Anderson PP30's									
Mounting:	Shelf mounts inside suitably rated electrical enclosure									
<b>Environment</b>										
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:	0 to 95% non-condensing (relative)									
Conformal Coating:	All printed circuit board assemblies to prevent moisture related failure									
<b>Voltage</b>										
Name Plate Rating (VAC):	127	200-240	200-240	200-240	230	230	110-127	110+127	110-127	110-127
Input Window (% of Nominal Input):	-34 / +15	-30 / +20	-30 / +20	-30 / +20	-30 / +20	-30 / +20	-30 / +15	-30 / +15	-30 / +15	-30 / +15
Input Range (VAC):	84 to 146	161 to 276	161 to 276	161 to 276	161 to 276	161 to 276	84 to 138	84 to 138	84 to 138	84 to 138
Output Voltage Regulation (%):	-5 / +1	-5 / +1	-5 / +1	-5 / +1	-6 / +1.5	-6 / +1.5	-5 / +1	-5 / +1	-5 / +1	-5 / +1
Load Range:	1 to 15A	1 to 15A	1 to 10A	1 to 15A	1 to 15A	1 to 22A	1 to 8A	1 to 10A	1 to 15A	1 to 8A
Output Voltage Min/Max (VAC):	84.6 / 90	84.6 / 90	84.6 / 90	84.6 / 90	59.2 / 64	59.2 / 64	84.6 / 90	84.6 / 90	84.6 / 90	84.6 / 90
<b>Safety Compliance</b>										
UL/CSA 60950-1, UL 1778, CSA 107.3 (NRTL/C):	✓	✓					✓	✓	✓	✓
IEC 60950-1 (CB):	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IEC 62040-1:					✓	✓				
Safety Mark:	NRTL/C	NRTL/C			CE	CE	NRTL/C	NRTL/C	NRTL/C	NRTL/C
<b>EMC Compliance</b>										
FCC Part 15 Class A:	✓	✓					✓	✓	✓	✓
IEC/EN 50083-2 (CATV):					✓	✓				
IEC/EN 65040-2 (UPS):			✓	✓	✓	✓				
CISPR22 Class A:			✓	✓	✓	✓				