

XM2-300HP CableUPS®

Featuring a compact power platform for MDU and fiber deep installations

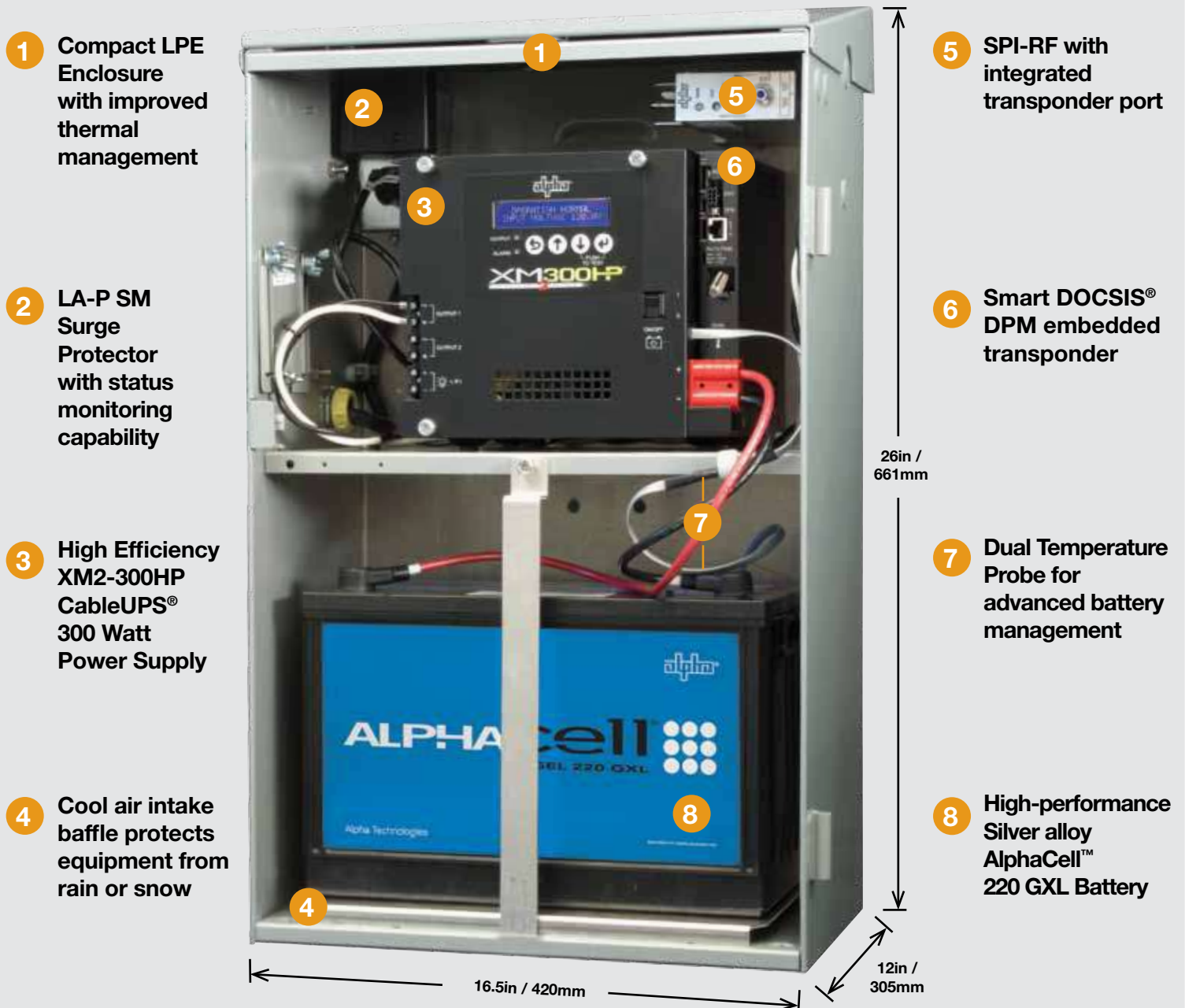


Total Power Solutions



Featuring a compact power platform for MDU and fiber deep installations

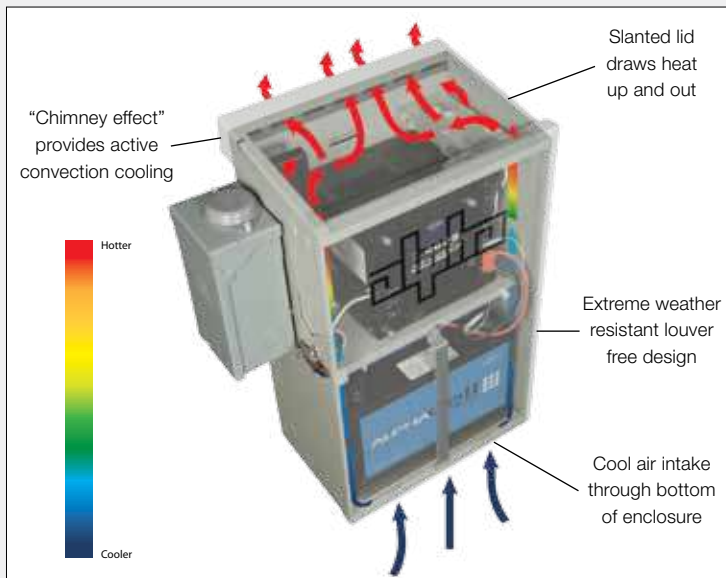
- ***XM2-300HP 300 WATT INTELLIGENT CABLEUPS UP TO 94% EFFICIENT WITH A SMALL CARBON FOOTPRINT***
- ***SMART DOCSIS TRANSPONDER FOR ADVANCED STATUS MONITORING***
- ***ADVANCED INVERTER AND BATTERY DIAGNOSTICS***
- ***DUAL TEMPERATURE PROBE FOR ADVANCED BATTERY MANAGEMENT***



Versatile indoor and outdoor mounting options

INNOVATIVE LPE INDOOR/OUTDOOR ENCLOSURE

- Wall mount, pole mount and ground mount options
- 40% Smaller than industry standard PWE-3
- Innovative thermal management airflow system



COST EFFECTIVE INDOOR WALL MOUNT OPTION

- Wall mount rack for XM2-300HP
- Wall mount shelf XM2-300HP and battery
- Versatile mounting option for business parks or MDUs



Power Supply Specifications

Model		XM2-300HP	XM2-300CE-HP
Electrical			
Input Voltage (Vac):		120	230
Input Voltage Window:		-15 to +10%	-15 to +10%
Input Frequency:		60Hz	50Hz
Input Frequency Window:		±3Hz	±3Hz
Output Voltage (Vac):		60/87	63
Output Current (A):		4.8/3.5	4.8
Max Output Power (VA):		300	300
Output Waveform:		Sine wave	Sine wave
Voltage Regulation:		±5%	±5%
Output Frequency Stability:	Line Mode	60Hz Nominal	50Hz Nominal
	Inverter Mode	60Hz, ±0.05%	50Hz, ±0.05%
Overload Withstand:		150% for 10 seconds	150% for 10 seconds
Short Circuit Protection:		8A Breaker	8A Breaker
Transfer Characteristics:		≤4ms	≤4ms
Battery Voltage (Vdc):		12	12
Efficiency (Typical Load Range)			
Line Mode:		93-94%	92-93%
Standby Mode:		82-86%	85-88%
Battery Charger			
Temperature Compensation:		Programmable (0 to 5mV/Cell/°C)	
Charger Current:		6A minimum - 10A maximum	
Three Stage:		Bulk/Accept/Float	Bulk/Accept/Float
Mechanical			
Status Display:		Blue smart display 2 x 20 LCD with backlight	
Dimensions H x W x D (in/mm):		8.5 x 9.75 x 8 / 216 x 248 x 203	
Approx. Weight (lb/kg):		23/10.4	25/11.3
Finish:		Black, epoxy powdercoat	Black, epoxy powdercoat
Environment			
Operating Temperature:		-40 to 55°C / -40 to 131°F	-40 to 55°C / -40 to 131°F
Humidity:		0 to 95% non-condensing	0 to 95% non-condensing
Agency Compliance:		FCC Part 15 Class A, UL / CSA 60950-1, UL1778, UL1012 CSA C22.2 No. 107	CE EN 50083-2, EN 62040-2, EN 60950-1, EN 62040-1
Advanced Diagnostics			
Advanced Analytics:		Onboard battery algorithm for predictive service required, Onboard inverter algorithm for predictive service required	
User Inputs:		Power supply install and battery manufacturing dates, Power supply priority level, Siemens values during battery preventive maintenance cycles, Battery out-of-date period, Battery heater mat installed (Yes/No), Technician code/ID	

XM2-300HP Runtime (minutes)					
XM2-300HP @ 90V	1A	1.5A	2A	2.5A	3A
AlphaCell 70HPL-FT:	249	167	120	91	71
AlphaCell 85GXL:	332	212	150	113	89
AlphaCell 195GXL:	684	442	317	241	191
AlphaCell 4.0HP:	840	547	398	308	251

Runtimes based on one battery



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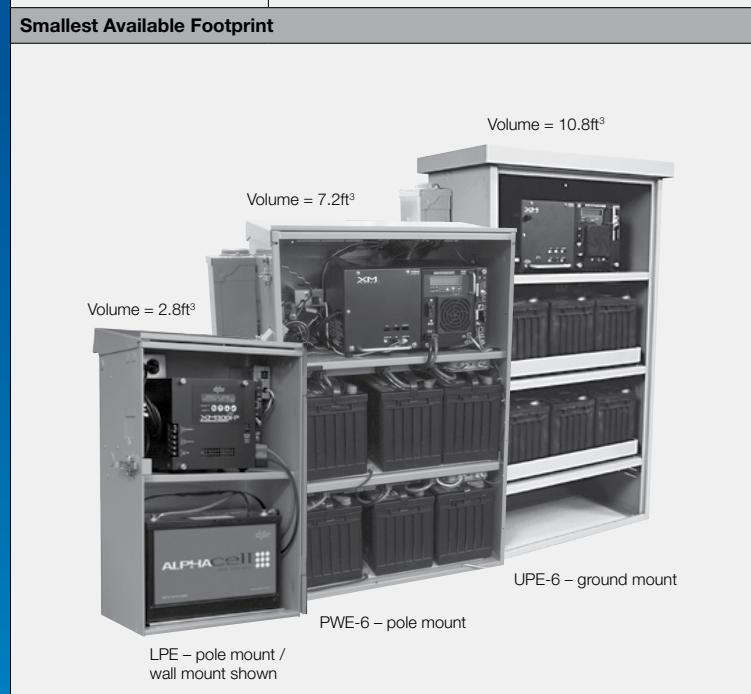
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LPE Enclosure

Mechanical Specifications	
Dimensions H x W x D (in/mm):	26 x 16.5 x 12 / 661 x 420 x 305
Weight (lb/kg):	25/11.3
Material:	Exterior powdercoated aluminum
Battery:	220GXL or two 70HPL-FTs
Door and Lid Seal:	Poron gasketing
Color:	Gray (custom colors available)
Lid:	Removable
Door:	Hinged, removable
Options	
Mounting Hardware:	Pole mount bracket, Wall mount bracket, Pedestal
Battery Heater Mat:	Used in cold-climate applications
Battery Retaining Bar (BRB):	Secures batteries within enclosure
Coax Connection:	SPI or SPI-RF
Door Locks:	Optional GEM lock
Lightning Arrester:	LA-P+ 120V, LA-P-120T, LA-P-120SM, Surge Arrester Kit
Service Entrance:	70A available
Status Indicators:	Local/Remote Indicator (LRI)
Coax Surge Protection:	75 Ω Coax, MF 75 Ω Coax, FF w/Gnd 75 Ω Coax, FF



For more information please visit www.alpha-outback-energy.com

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