



an EnerSys company

XM2-300HP CableUPS®

Compact Broadband Power Supply



- High efficiency 300W power supply
- Embedded DOCSIS status monitoring
- XM2 programmable LCD smart display
- Small footprint and lightweight
- Predictive preventive maintenance features
- Ideal for RFoG, MDU and N+0 applications

The XM2-300HP is the ideal CableUPS® solution for rapidly expanding cable broadband networks and services.

When used in applications requiring less power than traditional outside plant powering, you will experience increased efficiency and reduced operating costs. This 300 Watt power system features a

much smaller footprint and is engineered for use in multiple dwelling units (MDU), business parks and node segmentations, as well as Fiber Deep, N+0 and N+1 plant extensions.

Rated at 300 Watts with a 12V inverter, this power supply features an XM2 smart display and an optional DOCSIS based status monitoring card.

Models:	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):	5/3.5	4.8
Max Output Power (VA):	300	300
Output Waveform:	Sinewave	Sinewave
Voltage Regulation:	±5%	±5%
Output Frequency Stability:	Line mode: 60Hz nominal, Inverter mode: 60Hz, ±0.05%	Line mode: 50Hz nominal, Inverter mode: 50Hz, ±0.05%
Short Circuit Protection:	150% for 10 seconds	150% for 10 seconds
Transfer Characteristics:	≤4ms	≤4ms
Battery Voltage (VDC):	12	12
Efficiency (Typical Load Range)		
Line Mode:	93 to 94%	92 to 93%
Standby Mode:	82 to 86%	85 to 88%
Battery Charger		
Temperature Compensation:	Programmable (0 to 5mV/Cell/°C)	Programmable (0 to 5mV/Cell/°C)
Charger Current:	6A minimum to 10A maximum	6A minimum to 10A maximum
Three Stage:	Bulk / accept / float	Bulk / accept / float
Mechanical		
Status Display:	Blue smart display 2 x 20 LCD with backlight	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	8.5 x 9.75 x 8 / 216 x 248 x 203
Approximate 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	