



an EnerSys® company

Media System

2RU 3kVA Inverter System



- Up to 3kVA/2.4kW of highly reliable, Telecom-grade AC power
- Revolutionary 'GREEN' technology provides 94% system efficiency
- 2RU shelf system provides high power density
- Flexible mounting options for 19" or 23" box bay or open relay racks
- Optional integration with Alpha® CXC HP controllers via CAN bus
- Integrated 120 and 120/240V configuration with integrated distribution

The Media System combines the high reliability of a Telecom grade inverter system with the high efficiency of an AC UPS.

Incorporating the same revolutionary technology as Alpha® AMPS80 HP and AMPS24 HP systems, the Media System offers a low profile solution for critical AC loads in Telecom, Cable, IT and industrial sites.

The 2RU compact, integrated system comes preconfigured with one or two 1500VA/1200W hot swappable AC power modules in a variety of distribution options and provides low Mean Time to Repair (MTTR) and N+1 redundancy (with 2 power modules).

Both single phase 120VAC and split phase 120/240VAC configurations are available with integrated distribution options including bulk output, Nema 5-15R receptacle and NEMA L14-20R twistlock receptacles.

Additionally, the Media System may be integrated with an Alpha power plant using the unified Cordex controller to manage and control the Media system's AC power modules in addition to DC power modules and peripherals.

Media System 2RU 3kVA Inverter System

Nominal Specifications	
Efficiency:	94% AC-to-AC; 90% DC-to-AC (from 50 to 100% full resistive load)
Waveform:	Pure sine wave
Output Power Factor:	0.8 (can run capacitive & inductive loads)
Transfer Time:	Zero transfer time
Inverter Module AC Output	
Power Rating:	1500VA/1200W
Nominal Voltage:	120VAC
Voltage Accuracy:	±2%
Frequency:	60Hz (same as input frequency)
Inverter Frequency Accuracy:	0.03%
THD (Resistive Load):	<1.5%
Transient Load Recovery Time:	0.4 ms
Turn on delay:	20 s to 40 s depending on the number of module installed
Crest Factor at Nominal Power:	3.1
Short Circuit Overload Capacity:	10 x In for 20msec (AC-to-AC mode)
Short Term Overload Capacity:	150% for 15 seconds
Permanent Overload Capacity:	110%
Synchronization Range:	57 - 63Hz
Heat Dissipation:	286BTU per hour in AC-to-AC mode 410BTU per hour in DC-to-DC mode
Inverter Module Input	
Nominal AC Voltage:	120VAC
Input Power Factor:	>99%
Nominal DC Voltage:	48VDC
Maximum DC Voltage Range:	40 - 58V (User Adjustable)
Voltage Ripple:	<2mV/Psopha
Monitoring and Control	
<ul style="list-style-type: none"> T2S Controller can be integrated with Cordex CXC controller via CAN bus Dry contacts on shelf (Major, Minor, User Adjustable) Status LEDs on modules (Major, Minor, User Adjustable) 	
Environmental	
Temperature:	Operating (full load): -20 to 40°C (-4 to 104°F) Storage: -40 to +70°C (-40 to 158°F)
Relative Humidity:	Up to 95%, non-condensing
Operating Altitude:	Up to 1500m (4,900ft) above sea level
Mechanical	
Dimensions:	mm: 89H x 448W x 317.5D inches: 3.5H x 17.65W x 12.5D
Weight:	12.7kg (5.3lbs) (including 2 x Media modules)

Ordering Information	
System with CANopen for CXC HP Integration	
Part No	Part Description
0260022-008	Media System, 1500VA/ 1200W, 2RU, 120VAC Single Phase with 1 Empty Slot for Future Expansion to 3000VA, Bulk AC Output
0260022-009	Media System, 1500VA/1200W, 2RU, 120VAC Single Phase with 1 Empty Slot for Future Expansion to 3000VA, 4x NEMA15A 1 Pole
0260022-010	Media System, 3000VA/2400W, 2RU, 120VAC Single Phase, Bulk AC Output
0260022-011	Media System, 3000VA/2400W, 2RU, 120VAC Single Phase, 4x NEMA 15A 1 Pole
0260022-012	Media System, 3000VA/2400W, 2RU, 240/120VAC Split/2-Pole, Bulk AC Output
0260022-013	Media System, 3000VA/2400W, 2RU, 240/120VAC Split/2-Pole, 2 x NEMA 15A 1 Phase & 1 x 15A 2 Pole Twist Lock
0260022-014	Media System, 3000VA/2400W, 2RU, 240/120VAC Split/2-Pole, 2 x 15A 2 Pole Twist Lock Receptacles
Standalone System with USB	
Part No	Part Description
0260022-001	Media System, 1500VA/ 1200W, 2RU, 120VAC Single Phase with 1 Empty Slot for Future Expansion to 3000VA, Bulk AC Output
0260022-002	Media System, 1500VA/1200W, 2RU, 120VAC Single Phase with 1 Empty Slot for Future Expansion to 3000VA, 4x NEMA15A 1 Pole
0260022-003	Media System, 3000VA/2400W, 2RU, 120VAC Single Phase, Bulk AC Output
0260022-004	Media System, 3000VA/2400W, 2RU, 120VAC Single Phase, 4x NEMA 15A 1 Pole
0260022-005	Media System, 3000VA/2400W, 2RU, 240/120VAC Split/2-Pole, Bulk AC Output
0260022-006	Media System, 3000VA/2400W, 2RU, 240/120VAC Split/2-Pole, 2 x NEMA 15A 1 Phase & 1 x 15A 2 Pole Twist Lock
0260022-007	Media System, 3000VA/2400W, 2RU, 240/120VAC Split/2-Pole, 2 x 15A 2 Pole Twist Lock Receptacles
Agency Compliance	
Safety:	UL1818 Listed
EMC (Immunity):	IEC 61000-4
EMC (Emission):	FCC PART 15
RoHS:	Yes
Related Components	
Spare Media inverter Module, 1500VA, 120VAC, Red front	P/N: 0140006
Cable Assembly, RJ45 to RJ12, 6 Feet, 105C, Can Bus	P/N: 870-634-20



Alpha Technologies Services, Inc. USA: 3767 Alpha Way, Bellingham, WA 98226 Canada: 7700 Riverfront Gate, Burnaby, BC V5J 5M4
Toll Free North America: +1 800 322 5742 Outside US: +1 360 647 2360 Technical Support: +1 800 863 3364
For more information visit www.alpha.com

© 2020 Alpha Technologies Services, Inc. All Rights Reserved. Trademarks and logos are the property of Alpha Technologies Services, Inc. and its affiliates unless otherwise noted. Subject to revisions without prior notice. E. & O.E.