



an EnerSys® company

Media System

2RU 3 kVA Inverter System



- Up to 3 kVA/2.4 kW of highly reliable, Telecom grade AC power
- Revolutionary green technology provides 94 percent system efficiency
- 2RU shelf system provides high power density
- Flexible mounting options for 19- or 23-inch box bay or open relay racks
- Optional integration with a Cordex® HP system controller via CAN bus
- 120V and 120/240V configurations 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 1.5 kVA/1.2 kW hot swappable AC power modules in a variety of distribution options and provides low mean time to repair and N+1 redundancy (with two power modules).

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

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

Media System 2RU 3 kVA Inverter System

Nominal Specifications	
Efficiency	94% AC-to-AC (from 50 to 100% full resistive load)
	90% DC-to-AC (from 50 to 100% full resistive load)
Waveform	Pure sine wave
Output Power Factor	0.8 (can run capacitive and inductive loads)
Transfer Time	Zero transfer time
Inverter Module AC Output	
Power Rating	1500VA/1200W
Nominal Voltage	120 VAC
Voltage Accuracy	±2%
Frequency	60 Hz (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 to 40 s depending on the number of inverter modules installed
Crest Factor at Nominal Power	3.1
Short Circuit Overload Capacity	10 × In for 20 ms (AC-to-AC mode)
Short Term Overload Capacity	150% for 15 seconds
Permanent Overload Capacity	110%
Synchronization Range	57 to 63 Hz
Heat Dissipation	286 BTU/h (83.8 watts) in AC-to-AC mode
	410 BTU/h (120.2 watts) in DC-to-DC mode
Inverter Module Input	
Nominal AC Voltage	120 VAC
Input Power Factor	>99%
Nominal DC Voltage	48 VDC
Maximum DC Voltage Range	40 to 58 V (user adjustable)
Voltage Ripple	<2 mV RMS
Monitoring and Control	
<ul style="list-style-type: none"> T2S controller can be integrated with Cordex® HP system controller via CAN bus or a standalone system with T2S Ethernet (TCP/IP with SNMP version 1) Dry contacts on shelf (major, minor, user adjustable) Status LEDs on inverter modules (status and power bar graph) 	
Environmental	
Operating Temperature	-4 to 104°F (-20 to 40°C)
Storage Temperature	-40 to 158°F (-40 to 70°C)
Relative Humidity	Up to 95%, non-condensing
Elevation	Up to 4,900 ft (1,500 m)
Mechanical	
Dimensions H × W × D	3.5 × 17.65 × 12.5 in. (89 × 448 × 317.5 mm)
Net Weight	5.3 lb (12.7 kg) including 2 × inverter modules

Ordering Information	
System with CANopen for Cordex® HP System Controller Integration	
Part Number	Description
0260022-008	Media system, 1.5 kVA/1.2 kW, 120 VAC single phase with 1 empty slot for future expansion to 3 kVA, bulk AC output
0260022-009	Media system, 1.5 kVA/1.2 kW, 120 VAC single phase with 1 empty slot for future expansion to 3 kVA, 4 × NEMA 5-15R receptacles
0260022-010	Media system, 3 kVA/2.4 kW, 120 VAC single phase, bulk AC output
0260022-011	Media system, 3 kVA/2.4 kW, 120 VAC single phase, 4 × NEMA 5-15R receptacles
0260022-012	Media system, 3 kVA/2.4 kW, 240/120 VAC split phase, bulk AC output
0260022-013	Media system, 3 kVA/2.4 kW, 240/120 VAC split phase, 2 × NEMA 5-15R receptacles, 1 × NEMA L14-20R twist lock receptacle
0260022-014	Media system, 3 kVA/2.4 kW, 240/120 VAC split phase, 2 × NEMA L14-20R twist lock receptacles
Standalone System with Ethernet (TCP/IP with SNMP version 1)	
Part Number	Description
0260022-016	Media system, 1.5 kVA/1.2 kW, 120 VAC single phase with 1 empty slot for future expansion to 3 kVA, bulk AC output
0260022-017	Media system, 1.5 kVA/1.2 kW, 120 VAC single phase with 1 empty slot for future expansion to 3 kVA, 4 × NEMA 5-15R receptacles
0260022-018	Media system, 3 kVA/2.4 kW, 120 VAC single phase, bulk AC output
0260022-019	Media system, 3 kVA/2.4 kW, 120 VAC single phase, 4 × NEMA 5-15R receptacles
0260022-020	Media system, 3 kVA/2.4 kW, 240/120 VAC split phase, bulk AC output
0260022-021	Media system, 3 kVA/2.4 kW, 240/120 VAC split phase, 2 × NEMA 5-15R receptacles and 1 × NEMA L14-20R twist lock receptacle
0260022-022	Media system, 3 kVA/2.4 kW, 240/120 VAC split phase, 2 × NEMA L14-20R twist lock receptacles
Regulatory Compliance	
Safety	UL ₁₅ 1778 Listed
EMC	IEC 61000-4
	FCC CFR47 Part 15/B - Class A
Sustainability	RoHS
Related Components	
Spare inverter module, 1.5 kVA, 120 VAC, red front	PN: 0140006
Cable assembly, RJ45 to RJ12, 6 ft (1.8 m), T05C, CAN bus	PN: 870-634-20



World Headquarters
2366 Bernville Road
Reading, PA 19605 USA
+1 610-208-1991 / +1 800-538-3627

EnerSys EMEA
EH Europe GmbH
Baarerstrasse 18
6300 Zug Switzerland

EnerSys APAC
No. 85, Tuas Avenue 1
Singapore 639518
+65 6558 7333