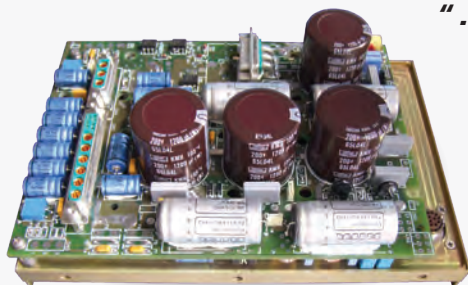


CM's true military certified PSUs

INTEGRATED FOR TRUE COTS ATR PERFORMANCE

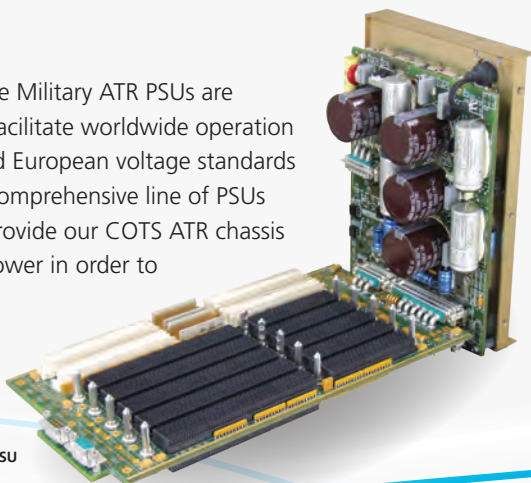


CM-ATR-35/SIXHEX-16HP: 3/4 ATR, 825W PSU

"...powering customers to succeed"

CM's extensive experience in the design and manufacture of military ATR enclosures has proven that PSUs are a key factor in military system success. Our latest military ATR chassis are fitted with PSUs that feature exceptionally low EMI/EMC electromagnetic noise, high reliability and extreme thermal tolerance.

Our wide range of high performance Military ATR PSUs are extraordinarily versatile in order to facilitate worldwide operation by accepting all North American and European voltage standards (DC & AC single & 3-Phase). CM's comprehensive line of PSUs have been designed exclusively to provide our COTS ATR chassis with uncompromising reserves of power in order to support the most demanding payload requirements.



CM-ATR-35/SIXHEX-16HP HYBRID BACKPLANE & PSU

	PSU P/N vs total DC Output (Watts)	Vin Options		Backplane DC				Suggested BUS		
		28VDC	OTHER	+5VDC	+3.3VDC	+12VDC	-12VDC	VME64	cPCI	VPX
1/2 ATR PSU Models	A-475W	•		40A	22A	8A	8A	•		
	A-575W		•	40A	22A	12A	12A	•		
	B-450W	•		20A	45A	8A	8A		•	
	B-550W		•	20A	45A	12A	12A		•	
	C-475W	•		20A	22A	16A	8A			•
3/4 ATR PSU Models	C-575W		•	20A	22A	21A	12A			•
	A-675W	•		80A	22A	8A	8A	•		
	A-775W		•	80A	22A	12A	12A	•		
	B-565W	•		20A	80A	8A	8A		•	
	B-665W		•	20A	80A	12A	12A		•	
	C-675W	•		20A	22A	33A	8A			•
	C-825W		•	20A	22A	41A	12A			•
	D-550W	•		40A	45A	8A	8A	•	•	
	D-650W		•	40A	45A	12A	12A	•	•	
	E-550W	•		20A	45A	16A	8A		•	•
1 ATR PSU Models	E-650W		•	20A	45A	21A	12A		•	•
	F-575W	•		40A	22A	16A	8A	•	•	
	F-675W		•	40A	22A	21A	12A	•	•	•
	A-950W	•		80A	45A	16A	16A	•	•	
	A-1050W		•	80A	45A	21A	21A	•	•	•
	B-1065W	•		80A	80A	16A	16A	•	•	
	B-1165W		•	80A	80A	21A	21A	•	•	•
	C-1225W	•		80A	160A	16A	16A	•	•	
	C-1425W		•	80A	160A	21A	21A	•	•	•
	D-1350W	•		160A	80A	16A	16A	•	•	
	D-1550W		•	160A	80A	21A	21A	•	•	•

† All Inputs except 28VDC; such as 48VDC / 270VDC / or Aurorange 90-264VAC @ 47-880Hz / 200VAC-3Phase @ 47-880Hz

SixHex-16HP Chassis COTS Capabilities

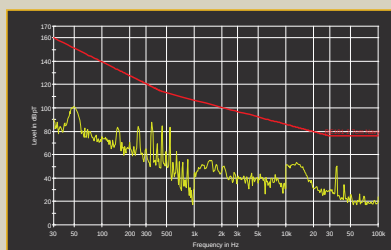
- Contaminant-free enclosure
- Available in 1/2, 3/4 & 1 ATR size
- VPX, VME64 & cPCI ready
- Accepts Conduction & Air-cooled 6Us
- Flexible Top & Bottom I/O wiring
- Six internal Heat Exchangers
- 16 integrated Heat Pipes
- Up to 1.5 kW total Power Dissipation
- Up to 150 Watts per slot
- Integrated Temperature Control Unit
- Dramatically increases payload MTBF
- 2 User defined PSU 100W DC outputs
- 25°C less than heat exchanger ATRs
- 50°C less than conventional ATRs
- In-line EMI/EMC MIL-STD 461E Filter
- Stand alone low weight solution
- Customizable to specific requirements
- Mounting Tray with quick release system



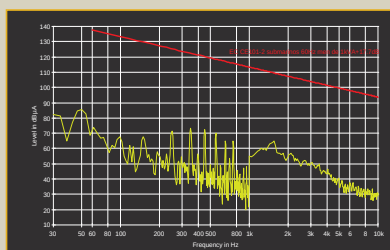
CM-ATR-25/SIXHEX-16HP: 1/2 ATR, 5 SLOT, 575W PSU, 9 kg

www.cmcomputer.com

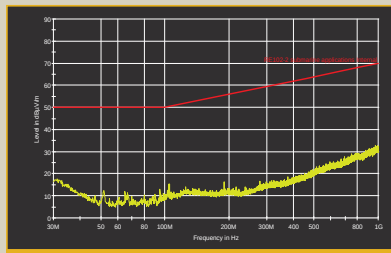
CM ATR Chassis MIL-STD-461E Compliance



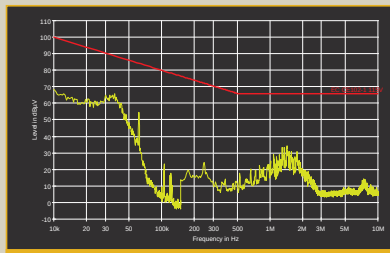
RE101. RADIATED MAGNETIC FIELD, 30 HZ - 100 KHZ.



CE101. CONDUCTED EMISSIONS, 60 HZ - 10 KHZ.



RE102. RADIATED MAGNETIC FIELD, 30 MHZ - 1 GHZ.



CE102. CONDUCTED EMISSIONS, 10 HZ - 10 MHZ.



All our chassis products are delivered Tested and Certified by independent authorized Labs per **MIL-STD-461E** & **MIL-STD-810F** for immediate deployment in US Navy and US Air Force military UAVs, Fighters and Helicopters.

Contact us at info@cmcomputer.com to request our latest Hybrid Cooled ATR Chassis Catalog.



CM Computer
True Military COTS Products