

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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MIL-COTS

PFC MegaPAC™ MI

Rugged COTS MegaPAC

Features & Benefits

- Input voltage:
  - 85 – 264V_{AC} universal, 47 – 500Hz
    100 – 380V_{DC}
- Up to 32 configurable outputs
- Vibration:
  - MIL-STD-810 minimum integrity
- Shock:
  - MIL-STD-810, 40 G functional shock
- Conducted emissions:
  - EN55022 Class A
    Class B configuration dependent
- Operating temperature:
  - –20 to 45°C @ full power
    –40 to +45°C @ full power (optional)
- Maximum output power:
  - 1200W @ 115V_{AC}
    2400W @ 230V_{AC}
- Power factor:
  - >0.95 @ 115V_{AC}
    >0.92 @ 230V_{AC}
- Fan cooled
- Meets MIL-STD-704F and MIL-STD-1399C for transients and overvoltage
- Optional conformal coating
- Field configurable for maximum flexibility
- Compatible with current ConverterPAC products and Current-Share Boards



General Specifications

Name	Description
Size	12.3 x 6.0 x 3.4in [312,4 x 152,4 x 86,4mm]
Modules complement	VI-200, VI-J00, VI-RAM, Maxi, BatMods
Harmonic distortion	EN61000-3-2
Voltage fluctuations and flicker	EN61000-3-3
ESD susceptibility	EN61000-4-2, Level 4, Performance Criteria A
Radiated susceptibility	EN61000-4-3, Level 4, Performance Criteria A
EFT/ Burst	EN61000-4-4, Level 4, Performance Criteria B
Surge immunity	EN61000-4-5, Installation Class 3, Performance Criteria B
RF common mode	EN61000-4-6, Performance Criteria A
Voltage dips and interrupts	EN61000-4-11, Performance Criteria B
Input current	15A_{RMS} max.
Input frequency	47 – 500Hz
Inrush current	15A_{PK} @ 115V_{AC}; 25A_{PK} @ 230V_{AC}
Dielectric withstand	Primary to Chassis GND = 2,121V_{DC}; Primary to Secondary = 4,242V_{DC}; Secondary to Chassis GND = 750V_{DC}
Output ripple and noise:	
Standard	2% or 100mV whichever is greater
"V" Option (max.)	50mv for $V_{OUT} \leq$ 15V; 150mV for 15V < $V_{OUT} \leq$ 24V; 1% or less V_{OUT} > 24V
Load regulation VI-2 / VI-J	±0.2%; 10% to full load ±0.5%; No load to 10% load
Load regulation Maxi	±0.1% of V_{NOM}; No load to full load
Efficiency	>80% @ full load nominal
Weight	13lbs [5.9kg] max.
Safety agency approvals	UL, cTÜVus, CE Marked and CB report
Warranty	2 years limited warranty

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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