

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} ≤ 15V; 150mV for 15V < V _{OUT} ≤ 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

