
Standard Features

- Input: 3Æ 208/240 Vac Wye or Delta, 1Æ 180-264 (47-500Hz) or 260–352 Vdc
- Power Output: 3 Phase MegaPAC: 2,000 W with 3Æ input; 1,200 W with 1Æ input
4kW MegaPAC: 4,000 W with 3Æ input; 1,500 W with 1Æ input
- 10 slots (upto 20 outputs)
- Fan cooled (4kW MegaPAC-EL has 2 fans)
- Full power to 45°C; half power to 65°C
- Power Factor Correction - passive - to 0.92 PF (3Æ input)
- Conducted EMI meets EN 55022 Level A
- AC Power OK and AC Power Fail status signals
- Output Sequencing and General Shutdown
(Consult Applications Engineering for automatic sequencing circuitry.)
- Auto Sense capability Refer to page 12 and page 16 for more information on Autosense
- Overcurrent protection on all outputs
- Overtemperature limiting (not applicable with VI-J00)
- Overvoltage protection (not applicable with VI-J00 modules)
- Size: 3 Phase MegaPAC - EL: 4.9"H x 7.5"W x 15.2"L
(124,5mm x 190,5mm x 429,3mm) Extended chassis
Size: 4kW MegaPAC - EL: 4.9"H x 7.5"W x 16.9"L
(124,5mm x 190,5mm x 386,1mm) Extended chassis
- Safety Agency Approvals: cURus, cTUVus, CE Mark

Optional Features

- DC OK status signal
- Output voltage adjustment range with built-in potentiometer
- Reversed fan airflow direction
- Current Share Boards - see page 25

Mechanical Considerations

The 3 Phase MegaPAC - EL and 4kW MegaPAC - EL can be mounted on any of four surfaces using standard 8-32 or 4mm screws. The chassis comes with four mounting points on each surface; maximum allowable torque is 20 lb-in. The maximum penetration is 0.15 in. (3,8mm).

When selecting a mounting location and orientation, the unit should be positioned so air flow is not restricted. Maintain a 2" minimum clearance at both ends of the 3 Phase MegaPAC - EL and 4kW MegaPAC - EL and route all cables so airflow is not obstructed. The standard unit draws air in at the fan side/AC input side and exhausts air out the load side. If airflow ducting is used, use caution, as sharp turns could present back pressure to the 3 Phase MegaPAC - EL and 4kW MegaPAC - EL. For the 4kW MegaPAC - EL, the fans move approximately 50 CFM of air while for the 3 Phase MegaPAC -EL, the fan moves approximately 30 CFM of air. The 4kW MegaPAC - EL has a second fan for additional cooling.

Avoid excessive bending of output power cables after they are connected to the 3 Phase MegaPAC - EL or the 4kW MegaPAC - EL. For high-current outputs, use cable ties to support heavy cables in order to minimize mechanical stress on output studs. Be careful not to short-out to neighboring output studs. The 3 Phase MegaPAC - EL and

List of ConverterPACs used and their features

ConverterPAC	OVP	OCP	OTL	RS/AS*	LS/AS*	PG	TrimPot
QPAC (L)	Std	Std	Std	AS*	AS*	Opt	Opt
QPAC (XQ)**	Std	Std	Std	Std	Opt	Opt	Opt
DualQPAC (LD)	N/A	Std	N/A	AS*	AS*	Std	N/A
Junior QPAC (LJ)	N/A	Std	N/A	AS*	AS*	Opt	Opt

* See page 12 and 16 for more information on Autosense.

** **Currently, the QPAC (XQ) can only be used in the 4kW MegaPAC/EL.**

OVP	Overvoltage Protection (latching)	OCP	Overcurrent Protection (auto-recovery)
OTL	Overtemperature Limiting (latching)	RS	Remote Sense
PG	Power Good (DC OK TTL Signal)	LS	Local Sense
		AS	Autosense

NOTES:

