



Communications & Power Industries

communications & medical products division  
microwave operation

# ELECTRONIC POWER CONDITIONER for CW Millimeter Wave EIKs MODEL SERIES VPW2827



CPI EPC, model VPW2827, is designed and tested to operate a wide variety of CPI CW Extended Interaction Klystrons and Oscillators.

Our EPC architecture provides optimum protection for the EIK and worry free operation for the user.

EIK operating parameters are programmed into onboard memory then password protected.

CPI Canada will integrate your EIK to the EPC. This service and support ensures long life and reliable operation in an easy to use package.

## FEATURES

Beam Voltage	-4.0 to -12.0 kV
Anode Voltage	+1.0 to +6.0 kV
Collector Voltage	Virtual ground / 70% of beam voltage
Heater voltage	-5.0 to -7.0 V
Collector current	0 to 130 mA
Body Current	0 to 20 mA
Anode Current	-0.1 to +1.0 mA
Heater current	0 to 3.0 amps
Total Power output	1.2 kW
External Interlock	Inhibits High Voltage
Prime Power	110/240 Vac, 50/60 Hz 1Ø
Dimensions	8.72x19x24.5 inches (Handles 1.5 inches)
Remote EIK mounting box	Attached by 3 meter HV lead. Size 7.7x9.7x9.7 inches
Fault Protection	Fully protected for operating designated CPI EIKs
Cooling	Forced air using integral blower.

The values listed represent typical performance from testing.

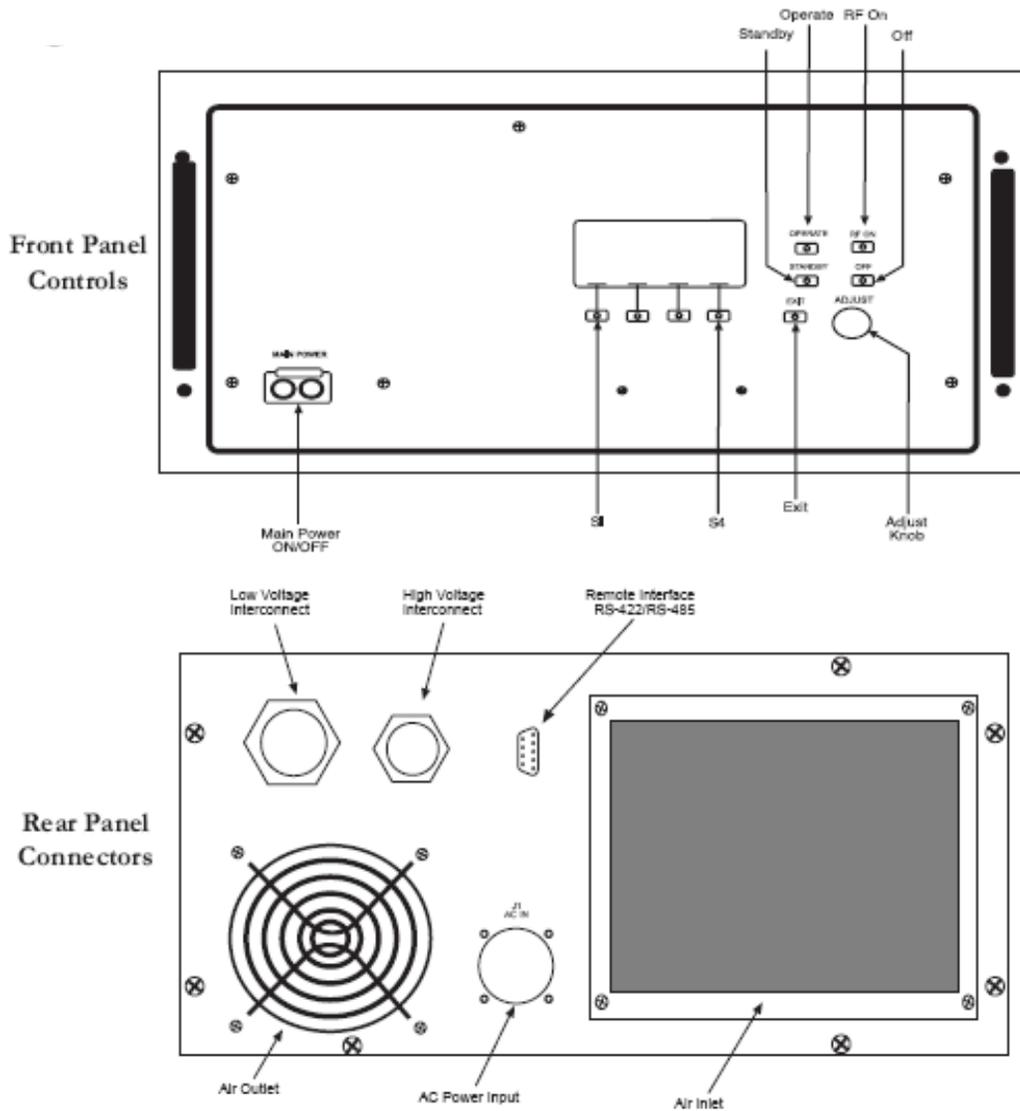
Formal controlled specifications, with minimum and maximum values, for use in equipment design, may be obtained from CPI.

For more information please contact your local CPI sales office or CPI Canada, they may be found on our web site at: [www.cpii.com](http://www.cpii.com)



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EPC and remote mounting box shown with EIK  
(EIK is not included with the EPC)



For information on this and other CPI products please contact CPI Canada, a field office or local representative  
they may be found on our web site at: [www.cpii.com](http://www.cpii.com)



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