

ENTRON™

iPak2v2/P-600AWBv2/2MUX/160ET/OMS.

Available in 2 different formats.

2,3 & 4 Mux.

5,6,7 & 8 Mux.



Introducing the iPak2v2/P-600AWBv2 MUX Control.

Built and shipped from the USA.

The **iPAK2v2 MUX Series** is a Full Featured Mid-Frequency Weld Control built to last and can handle your Resistance Welding needs. Whether it is **SPOT** or **PROJECTION** Welding. **ENTRON CONTROLS** can provide you with a cost effective **MFDC MUX** weld control that fits your application.



2 to 4 Mux format

KEY FEATURES INCLUDE:

- FLEXIBLE MUX Weld Programs.
- 3 Weld Intervals (Pre-Heat + Main Heat + Pulsation + Post Heat)
- Primary Constant Current Regulation
- Programmable force within programs w/ Analog Valve control
- Current Monitor—Force Monitor
- Conduction Monitoring for Wear or Shunting
- Up to 8 electrode calibration set-ups
- Data Logging up to 6000 records
- Ground Fault —Door interlocking breaker
- Ethernet IP— Ethernet TCP/IP (Modbus)
- RS232 and RS485 Port Connections
- Door Mounted Operation Mode Switch (program lockout switch and weld/no weld)
- 16 inputs / 16 outputs (short circuit protected and dedicated function)
- 7 Auxiliary Valves/Events access during sequence
- Forge Delay assign to available AUX Outputs
- Door mounted Ethernet/RS232 access

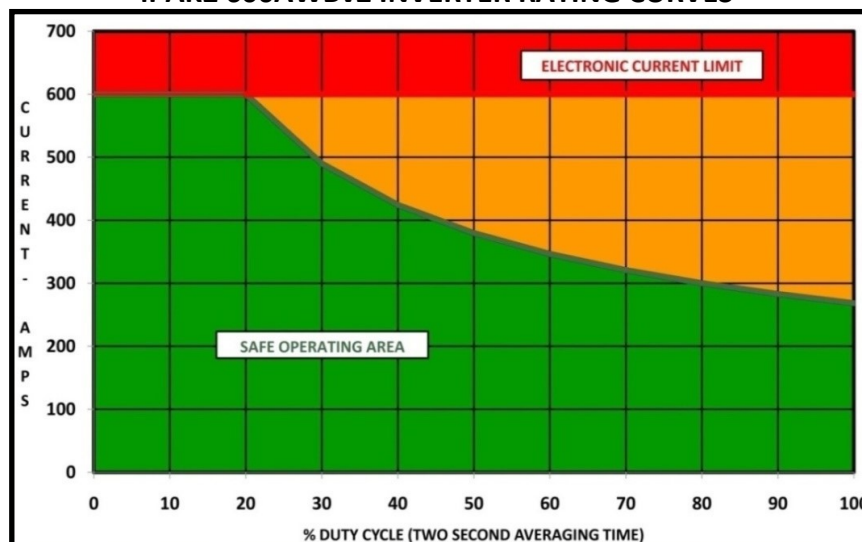


ENTRON Controls LLC. USA
Tel: 864-416-0190
Email: customerservice@entroncontrols.com

iPAK2v2 General Power Specifications

General Power Specifications	iPAK2v2-600AW
Maximum output power @ 20% Duty Cycle @ 2 seconds averaging time	390 kVA @ 480 V line voltage
Maximum line input voltage	480 V ac +10% -20% @ 50/60 Hz
Maximum output current—Limited Electronically	600 Amps
Maximum Continuous output current	268 Amps
Maximum line input current per phase	346 Amps
Continuous equivalent rms line current per phase (600A @ 20% Duty)	155 Amps
Power Factor	Leading
Current Regulation and Feedback	Primary and Secondary
Current Regulation Accuracy	+/- 2%
Current Regulation Repeatability	+/- 1%
Inverter Switching Frequency	1kHz
Maximum Average Time	2 seconds
Water Flow Rate	7.5 liters per minute
Maximum inlet water temperature	25 degrees centigrade

iPAK2 600AWBv2 INVERTER RATING CURVES



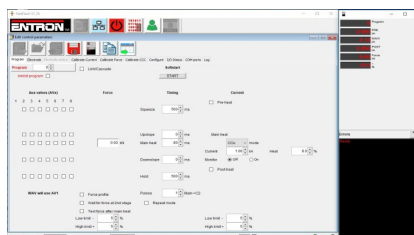
MULTIPLE PROGRAMMING OPTIONS

Feature and programming format common with EN7000 AC control

WSP3 Handheld Pendant
for local programming



NETFLASH Software for Network Connection



ENTRON Controls LLC. USA
Tel: 864-416-0190
Email: customerservice@entroncontrols.com