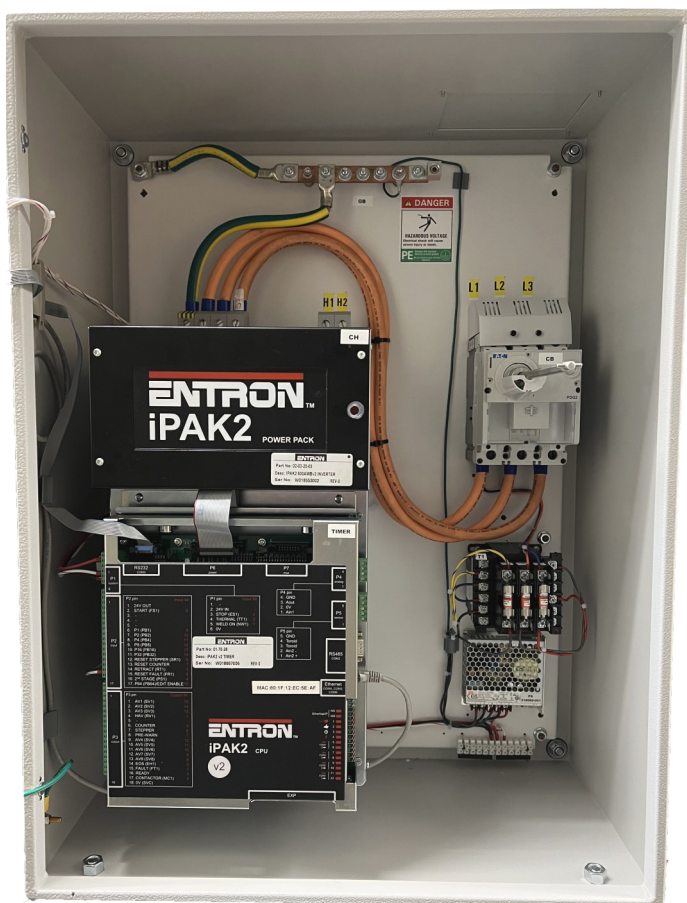


ENTRON™

iPAK2v2-360 Amp BCM and iPAK2v2-600 Amp BCM Mid Frequency Weld Control



ENTRON™

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Introducing the **iPAK2v2 360 Amp BCM** and **iPAK2v2 600 Amp BCM** assembled and shipped from the U.S.A. The iPAK2v2 BCM Series is a Full Featured Mid-Frequency Weld Control built to last and can handle your Resistance Welding needs.

Whether it is SPOT Welding, SEAM Welding, PROJECTION Welding or RESISTANCE HEATING, ENTRON CONTROLS can provide you with the MFDC weld control that fits your application.

KEY FEATURES INCLUDE:

- 256 Weld Programs. Spot or Seam
- 3 Weld Intervals (Pre-Heat + Main Heat + Pulsation + Post Heat)
- Secondary or Primary Constant Current Regulation
- Seam mode—change programs 'on the fly', up to 8 motor command outputs
- Programmable force within programs w/ Analog Valve control
- Current Monitor—Force Monitor
- Conduction Monitoring for Wear or Shunting
- Data Logging up to 6000 records
- UL Rated—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)
- Analog Heat control configuration
- 7 Auxiliary Valves/Events access during sequence
- Forge Delay assign to available AUX Outputs
- Door mounted Ethernet/RS232 access

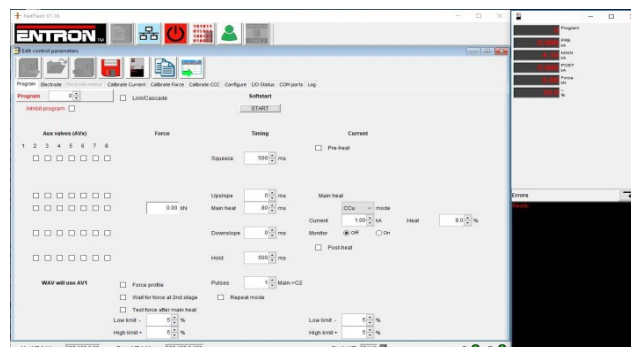
MULTIPLE PROGRAMMING OPTIONS

Feature and programming format common with EN7000

WSP3 Handheld Pendant
for local programming

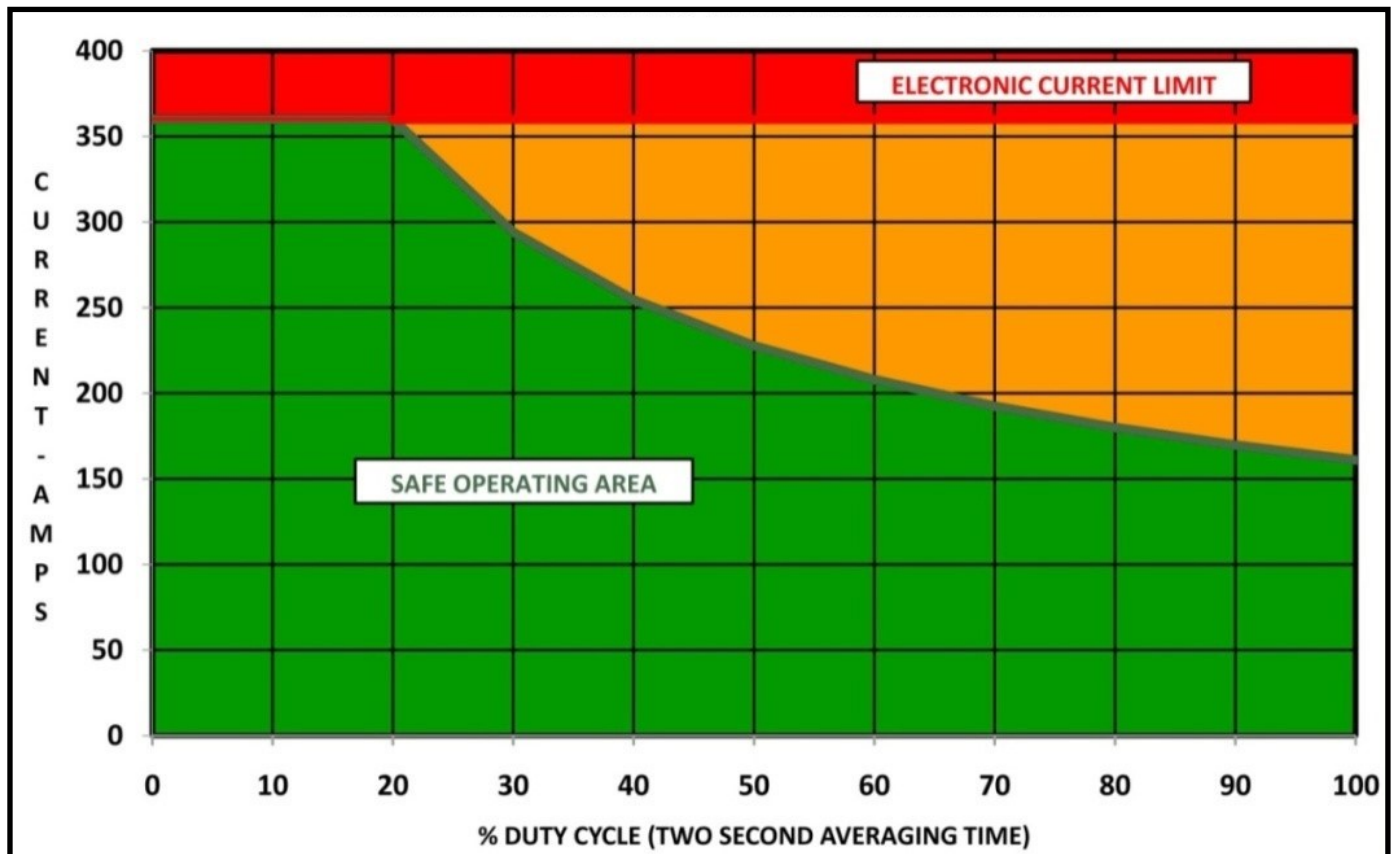


NETFLASH Software for Network Connection



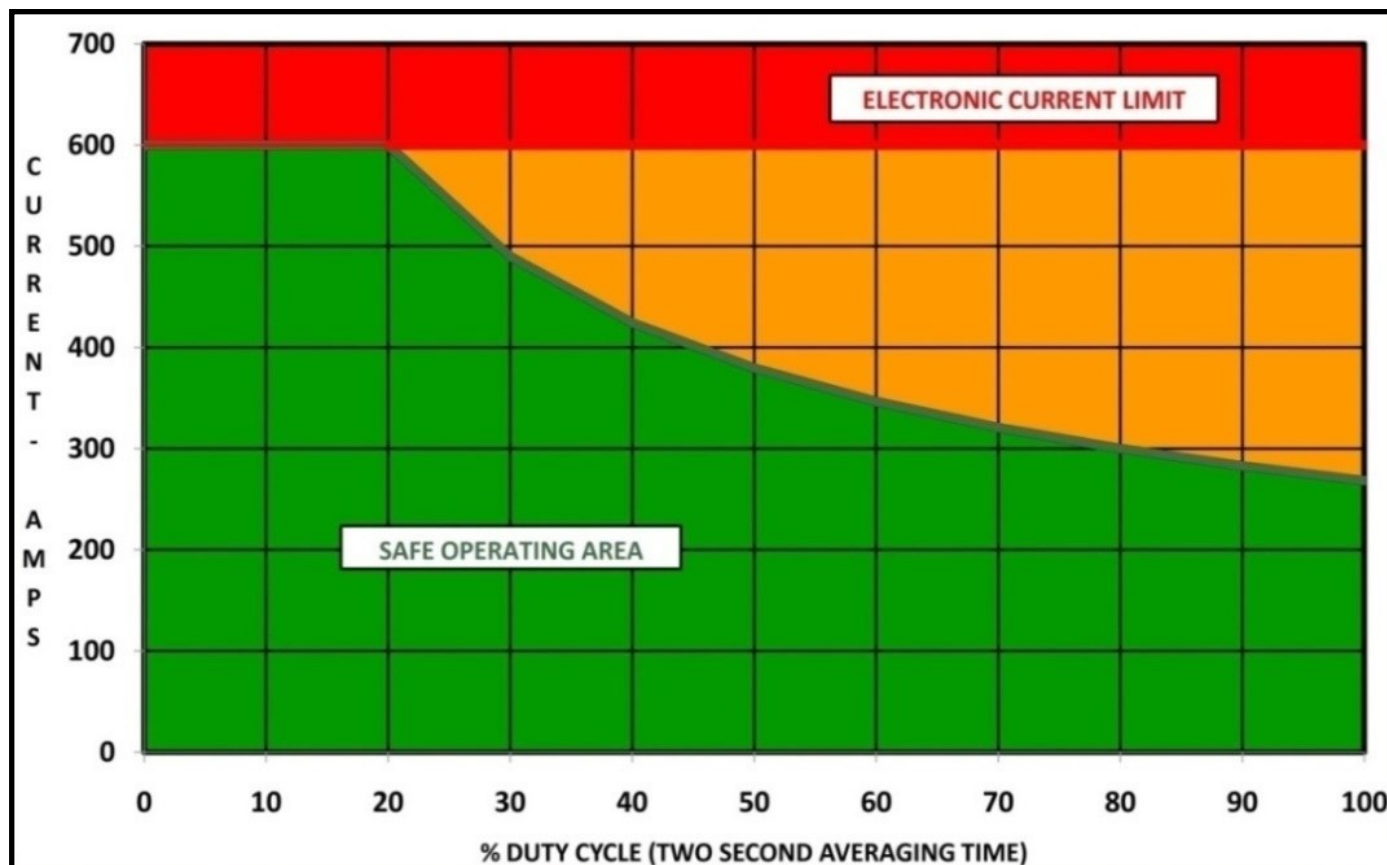
General Power Specifications	iPAK2v2-360AW BCM
Maximum output power @ 20% Duty Cycle @ 2 seconds averaging time	234 kVA @ 480 V line voltage
Maximum line input voltage	480 V ac +10% -20% @ 50/60 Hz
Maximum output current—Limited Electronically	360 Amps
Maximum Continuous output current	160 Amps
Maximum line input current per phase	207 Amps
Continuous equivalent rms line current per phase (360A @ 20% Duty	93 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	5 liters per minute
Maximum inlet water temperature	25 degrees centigrade

iPAK2 360AWBv2 INVERTER RATING CURVES

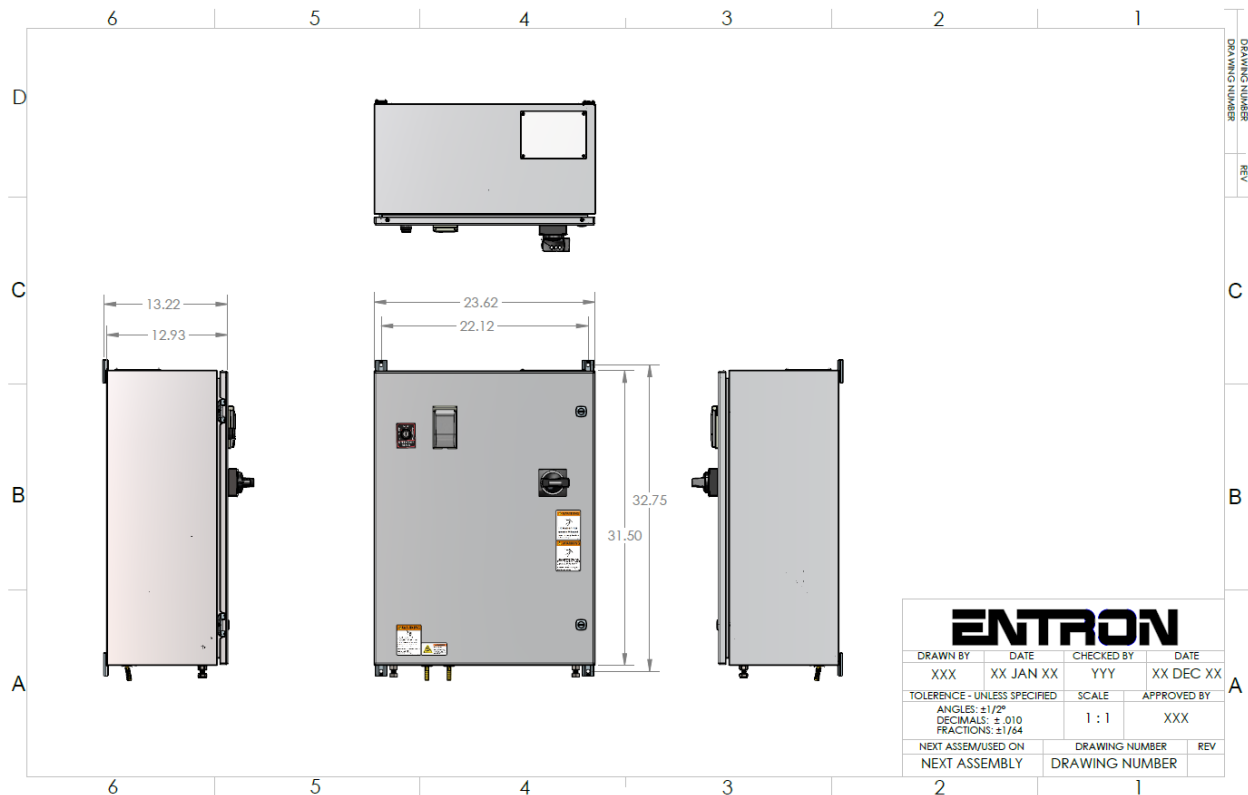


General Power Specifications	iPAK2v2-600AW BCM
Maximum output power @ 20% Duty Cycle @ 2 seconds averaging time	390 kVA @ 480 V line voltage
Maximum line input voltage	480 V ac +10% -20% @ 50/60 Hz
Maximum output current—Limited Electronically	600 Amps
Maximum Continuous output current	268 Amps
Maximum line input current per phase	346 Amps
Continuous equivalent rms line current per phase (600 A @ 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



Cabinet Dimensions



At ENTRON Controls we recognize that sizing the MFDC inverter for your Resistance Welding or Heating application can be challenging. Our technical support team is here to help guide you through this process.

For enquires contact our customer service team.

email:- customerservice@ENTRONcontrols.com

or

Feel free to call one of our ENTRON Control sites using one of the numbers below.

