



Medium-frequency resistance welding power source, with integrated control, monitor and machine sequencer .

iPAK is an integrated timer/controller/inverter system for MF resistance welding. The control section is housed in a cassette type casing, which simply mounts onto the power pack for ease of maintenance.

Millisecond precision, constant current and constant power operation, with comprehensive monitoring, assures weld quality.

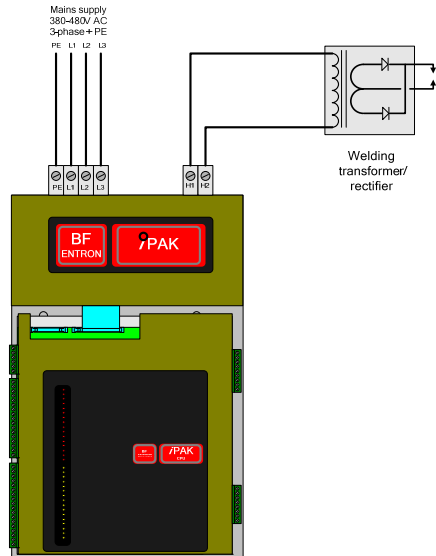
Output current from 150A to 6000A.
 Standard supply voltage 380-480V AC. 3-Ph.
 iPAK-HV for supply voltage up to 580V AC. 3-Ph.
 iPAK-LV for supply voltage 190-290V AC. 3-Ph.
 An external switch can be used to connect with up to four transformers.

A powerful built-in logic sequencer program provides the iPAK with a flexible means of fully controlling small machines or tooling arrangements, without the need for additional hardware.

A plug-in option board provides a 10/100Base-T Ethernet connection. Units may then be networked to a PC running WS98-iPAK software for programming and monitoring purposes.

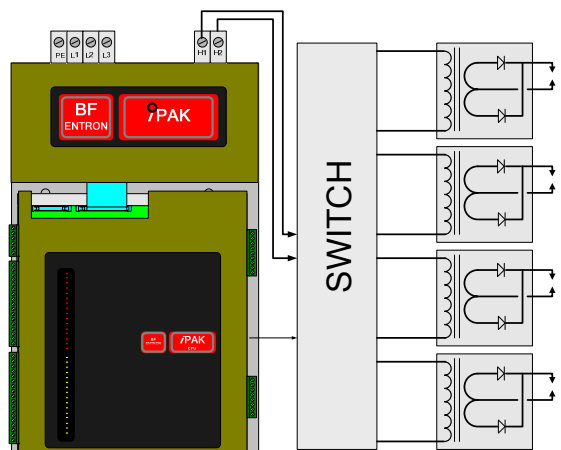
Fieldbus operation is supported via plug-in option boards.

With Ethernet, Ethernet/IP, DeviceNet and Profibus connectivity, iPAK integrates easily into any automation environment.



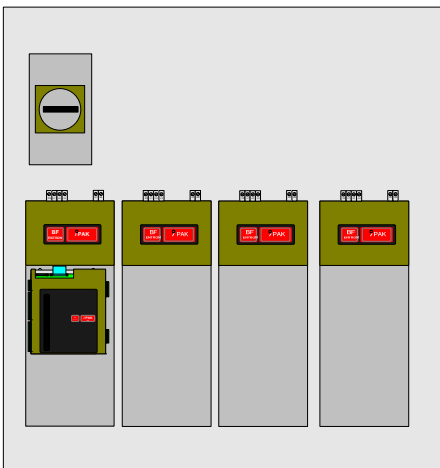
iPAK :

For use with a single power transformer in a single/dual gun arrangement.



iPAK :

For use with up to four power transformers for cascade and multi-weld arrangements.



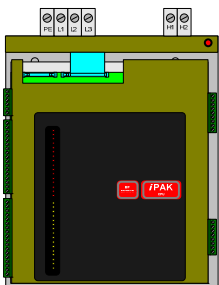
iPAK-LMI :

(Large Modular Inverter)
 Multiple power modules are used to produce outputs of up to 6000A.

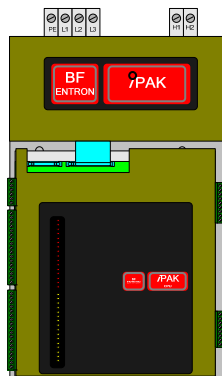


iPAK welding power source with integrated timer, in 150A / 360A / 600A / 1000A / 1500A sizes. These units are available as modules, or complete with MCCB etc. in cabinets. All may be used with an external switching unit to connect with up to four transformers.

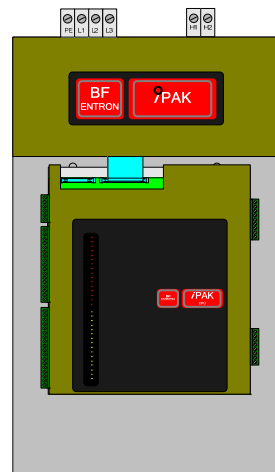
Model	Max. Output	Max. voltage	Cooling	Max. welding current (@ 50:1)	size
iPAK 150AA	150A	480	Air	7.5 kA	0A
iPAK 360AA	360 A	480	Air	18 kA	1A
iPAK 360AW	360 A	480	Water	18 kA	1W
iPAK-HV 360AW	360 A	580	Water	18 kA	2W
iPAK-LV 360AA	360 A	290	Air	18 kA	1A
iPAK-LV 360AW	360 A	290	Water	18 kA	1W
iPAK 600AA	600 A	480	Air	30 kA	1A
iPAK 600AW	600 A	480	Water	30 kA	1W
iPAK-HV 600AW	600 A	580	Water	30 kA	2W
iPAK-LV 600AA	600 A	290	Air	30 kA	1A
iPAK-LV 600AW	600 A	290	Water	30 kA	1W
iPAK 1000AW	1000 A	480	Water	50 kA	2W
iPAK-LV 1000AW	1000 A	290	Water	50 kA	2W
iPAK LMI	1500 A	480	Water	75 kA	3W



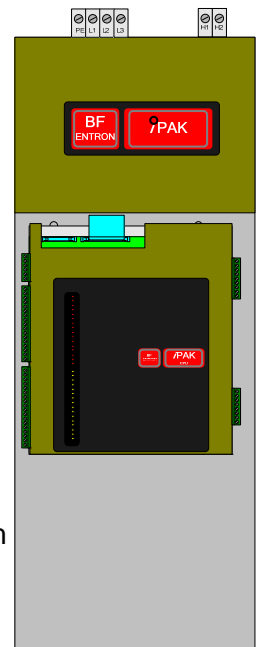
Size 0A
330h x 260w x 210d mm



Size 1W/1A
460h x 260w x 260d mm
(plus 20d for water cooler
or plus 100d for fan pack)



Size 2W
540h x 330w x 310d mm
(inc. water cooler)



Size 3W
890h x 300w x 265d mm
(inc. water cooler)



Typical complete iPAK control system with circuit-breaker in industrial enclosure.



The iPAK-LMI range uses multiple iPAK 1500A to provide outputs of 1500A, 3000A, 4500A and 6000A. Only one iPAK timer is required in each system. These systems come complete with MCCB etc. in floor standing cabinets.

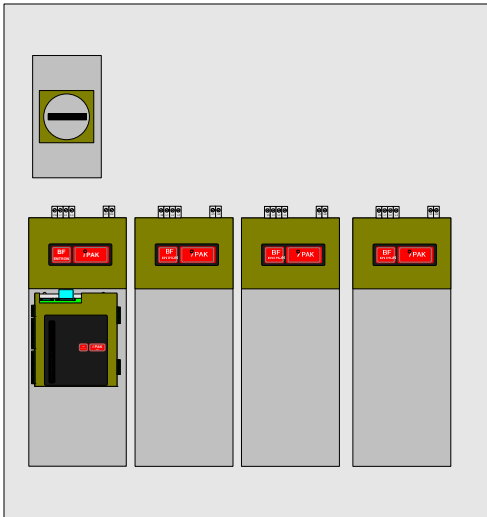
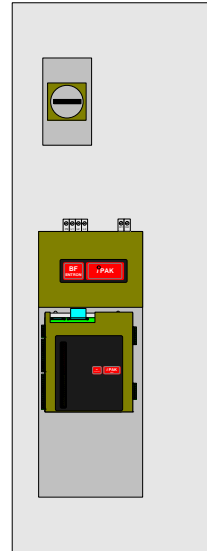


iPAK-LMI/1500AW with optional isolation contactor.

1500 Amp

Use for typical welding currents of up to 75kA (@ 50:1)

iPAK LMI/1500AW
1900h x 600w x 400d mm



6000 Amp

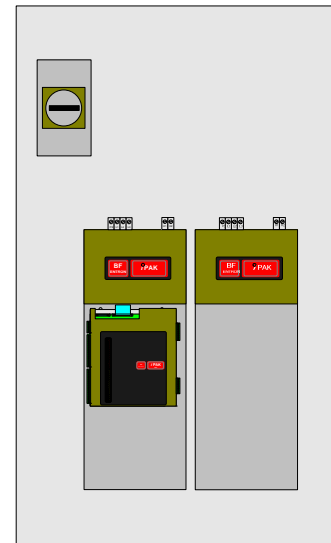
Use for typical welding currents of up to 300kA (@50:1)

iPAK LMI/6000AW
1900h x 1600w x 400d mm

3000 Amp

Use for typical welding currents of up to 150kA (@50:1)

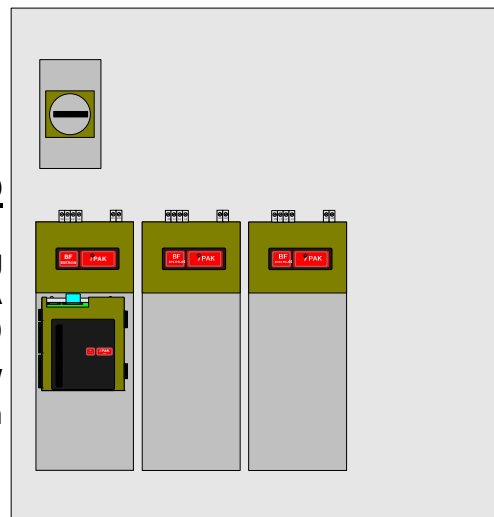
iPAK LMI/3000AW
1900h x 1000w x 400d mm



4500 Amp

Use for typical welding currents of up to 225kA (@ 50:1)

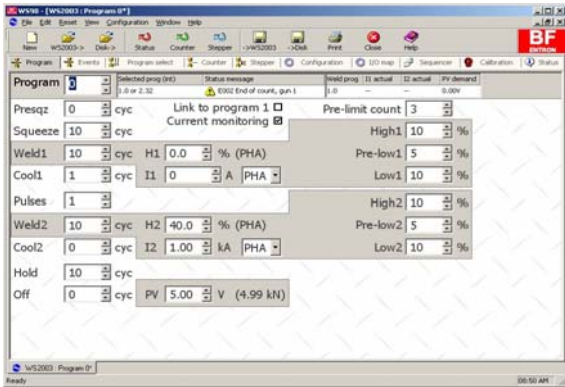
iPAK LMI/4500AW
1900h x 1600w x 400d mm





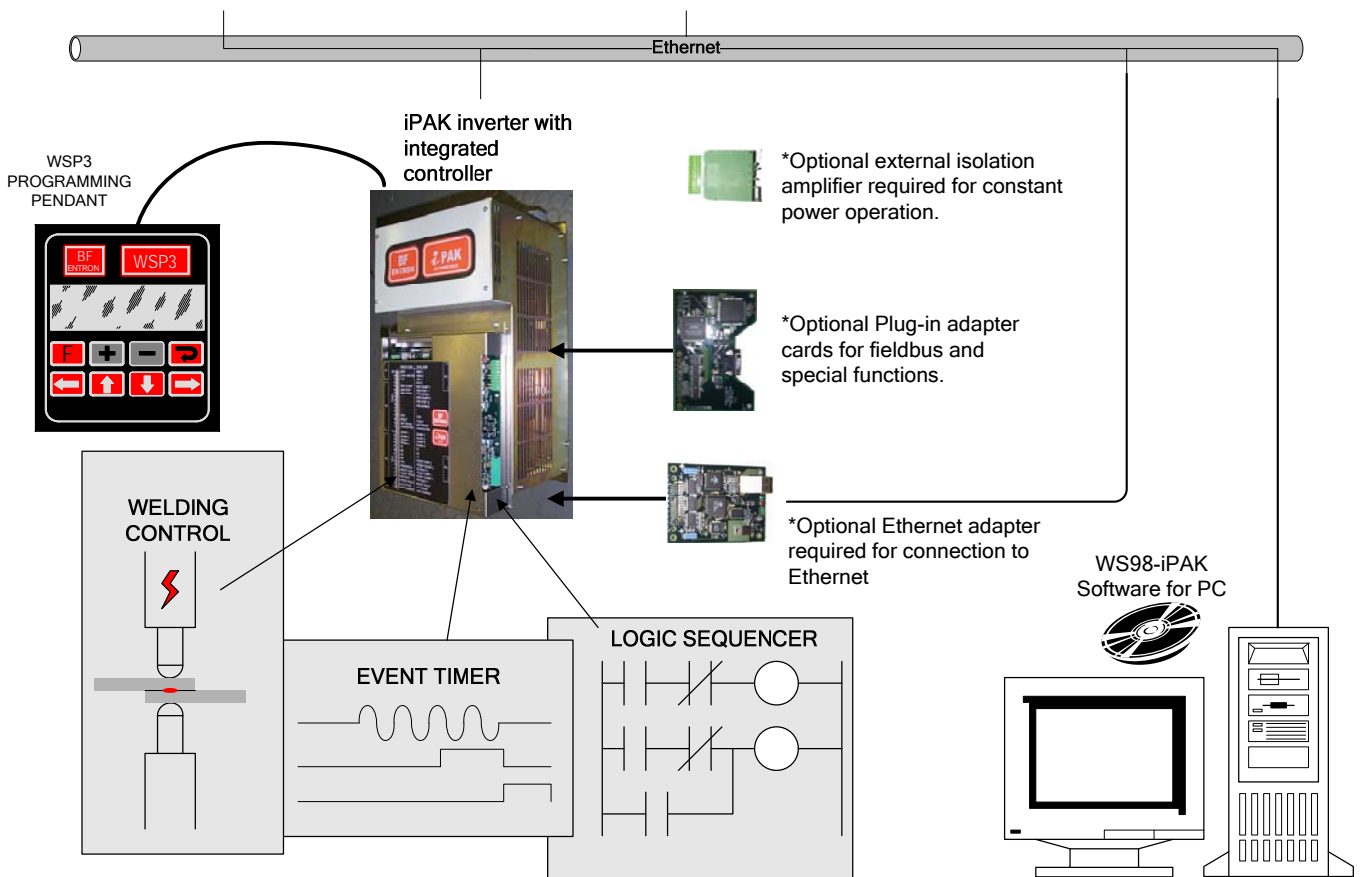
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WS98-iPAK : Windows based software for programming, monitoring, diagnostics, data back-up etc. Can be used on a PC either locally (RS232/USB) or remotely via an Ethernet network.



WSP3: Programming pendant for programming, monitoring, diagnostics, data back-up etc. For direct connection to the iPAK RS232 port.

iPAK SYSTEM



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