

■ DC Inverter Spot Welding / Fusing Power Supply (IP series)

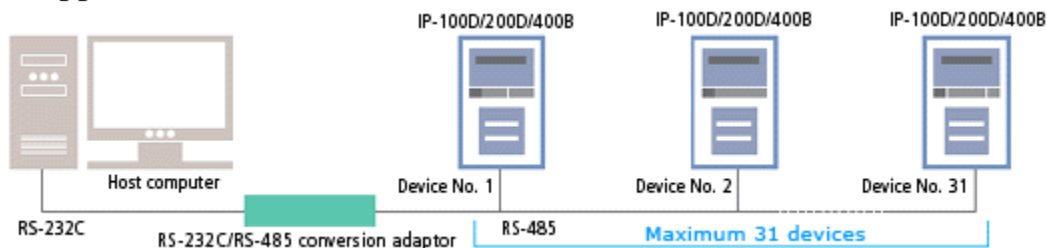


IP-100D/200D/400B

Great weld quality can be obtained at an affordable price!

Features

- Fast current rises due to primary constant current.
- 4kHz high speed adaptive feedback.
- Simple operation by a few operating buttons.
- Up to 63 weld schedules to support multi welding conditions
- Communication facility is equipped on standard.
- Built-in welding transformer.
The IP100C and IP200V have built-in welding transformers.
- Beautiful, easy-to-view screen display
High-brightness LCD makes it possible to see the screen clearly even in the dark.
- Automatic display switching
Normally, the setting screen is displayed, but once the welding current starts to flow, the screen will be automatically switched to current monitor display.
- Sheet panel that withstands dust and oil mist
Even if the sheet panel gets soiled, it can be cleaned up easily to maintain a beautiful appearance at all times.



Using an externally connected PC, weld schedules can be read out and reprogrammed. In addition, monitoring data and error codes can be viewed from the PC

- Datacom

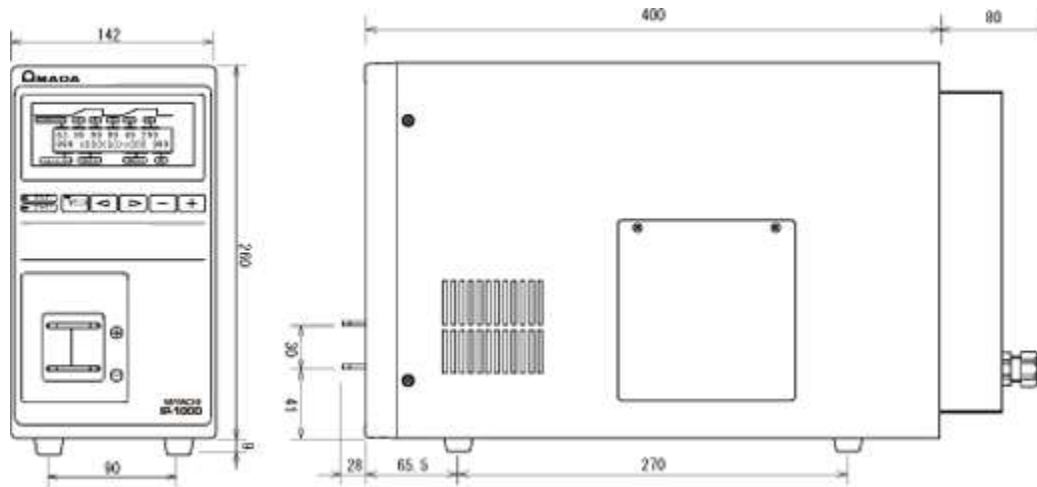
Specifications

	For spot welding (Built-in transformer type)		For spot welding
Model	IP-100C	IP-200C	IP-400B
Power requirements *1	180 to 240VAC, 50/60Hz, Three phase		3-phase 180 to 240VAC 50/60Hz
Control frequency	4kHz		4kHz
Maximum output current	-		200A
Maximum weld current	1300A	2500A	5000A (when used with IT-513B)
Rated capacity	1.4kVA	5.3kVA	15kVA (when used with IT-513B)
Control method	Primary constant current		Primary constant current
Welding schedules	63schedules		63schedules
Timer setting	SQ	0000 - 9999ms *2	
	RISE1, 2	00 - 49ms	
	WELD1, 2	WELD1 : 00 - 99ms WELD2 : 00 - 299ms	
	COOL	00 - 99ms	
	HOLD	000 - 999ms *2	
Welding current setting (HEAT1,2)	100 - 1300A	400 - 2500A	0.80 - 5.00kA
Mass	10kg	12kg	9.5kg

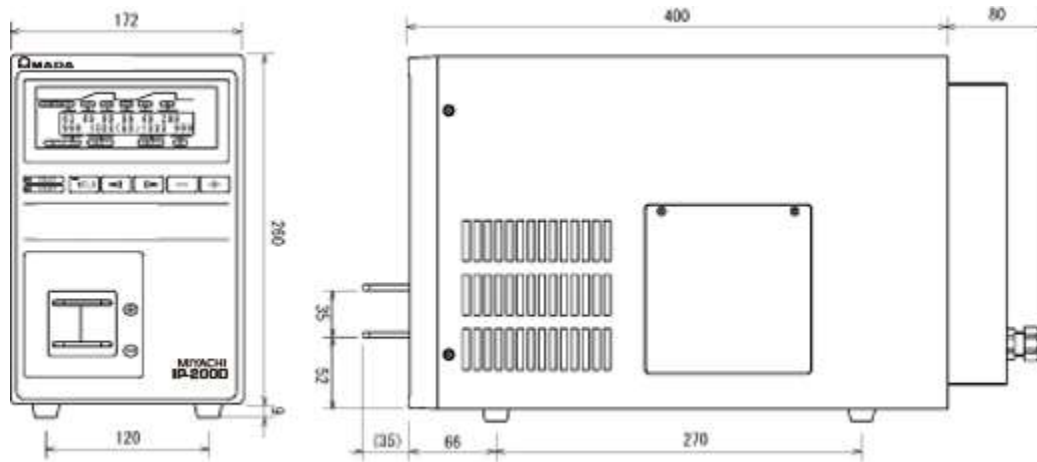
- *1: Set at the factory
- *2: When the software switch (SW5) setting is 1, SQ and HOLD function.

External view

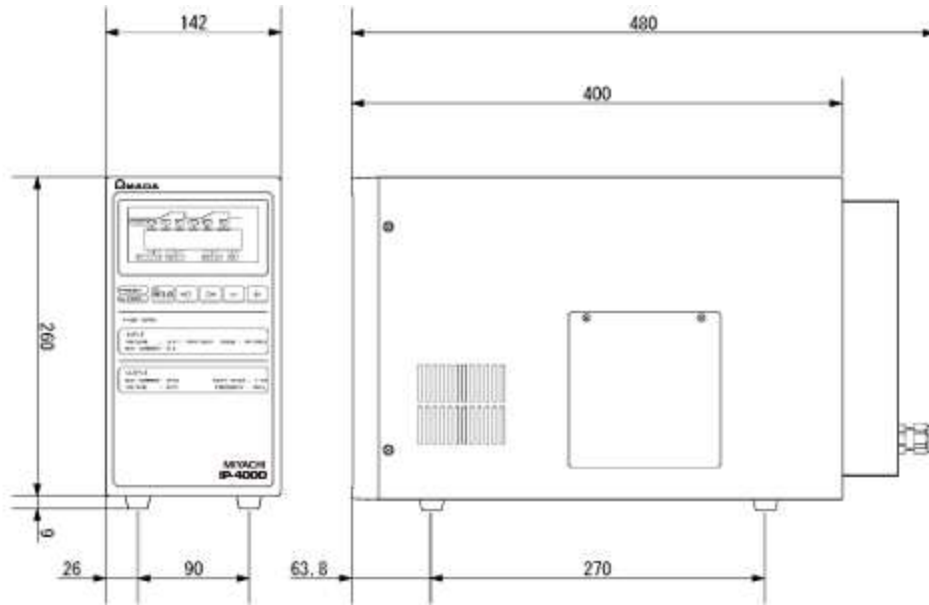
- IP-100D



- IP-200D



- IP-400D



Corresponding transformer

Power requirements	180 to 240VAC
Model	IT-513B
Rated capacity	15kVA
Rated primary voltage	300V
No-load secondary voltage	10.0V
Input frequency	4kHz
Maximum output current	5000A
Duty factor (@50ms)	4.5%
Cooling method	Air cooling
Dimensions and mass	195W x 400D x 185H mm / 15kg