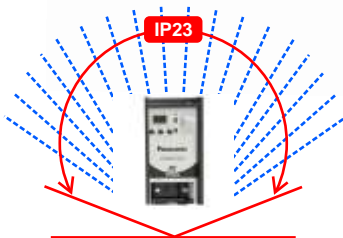


The World's Most Preferred and Reliable

400 Amps IGBT Inverter
DC Arc Welding System



Key features of 400 AT3



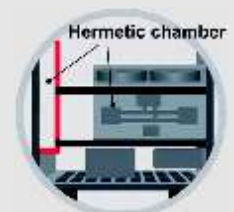
- IP 23 Protection class makes this machine suitable for indoor and outdoor applications.
- High Ambient Temperature resistance up to 50°C – ideal for Indian atmospheric conditions.
- Allowable Input Voltage Fluctuation range up to +/- 20%.
- Output Cable extendable to 100 meters.
- Double fan available for increased cooling efficiency.
- Compatibility with DG Sets.
- TIG Welding is possible with scratch start.
- Suitable for all kind of acidic, basic, stainless steel and low hydrogen alloy electrodes.
- Unique design of three layer and four cabinet dust-free structure for safety of electronic components.
- Stacking of machines is possible.
- Wheels provided for better mobilization.

Important safety features

- Electric shock prevention switch to protect the operator while working in moist, upper air or in metal container.
- Over-voltage and under-voltage protection.
- Overheating protection.
- Single-phasing protection.

Unique design of triple-tier and four cabinet:

The main power components, PC board, switch, potentiometer are built in two Hermetic Chambers, which effectively prevents ingress of dust. The Intake Port is positioned at the the top layer, which improves the efficiency of heat emission and also protects the electronic parts from getting damaged due to dust.



Others



AT3



Restriction of Hazardous Substances

World-class welding quality at your doorstep



- Panasonic Welding Systems India has set-up its state-of-the-art manufacturing facility in Jhajjar, Haryana, India. So our globally proven range of welding equipment including MMAW, MIG/MAG, TIG, Plasma Cutting, Welding Accessories, and Welding Robots are now available at your doorstep.
- Assured commitment to long-term product support in terms of Sales, Service and Spares.
- All-India Sales and Service network.

Ideal for diverse industries: Civil/Project Construction | General Fabrication | Automotive | Shipbuilding & Offshore Energy | Repair & Maintenance | Railways | Process Industry | Heavy Construction Equipment

Technical Specifications

Technical specification	Units	400AT3
INPUT		
Rated input voltage	Volts	415 , ±20%
Phase/Freq.	No./Hz	3ph/50-60
Max. input KVA@415Vac		
@60% duty cycle	KVA/KW	17.6/16.7
OUTPUT		
Rated current range	Amps	20-400
Rated output voltage	Volts	36 (MMAW) / 26 (Scratch TIG)
Welding current (40 C)		
@60% duty cycle	Amps	400
@100% duty cycle	Amps	310
GENERAL		
Conformance to international standards		All machines are manufactured as per std. IEC 60974-1:2000/GB 15579.1:2004
Power control method		IGBT Inverter Controlled
Digital display		4 digit, 7 segment LED display
Hot start & arc force		Adjustable from front panel
Ingress protection	Class	IP 23
Insulation	Class	H
Cooling	Type	Forced air cooling
Power factor		> 0.9
Operating temperature	°C	-10 to 50
Air carbon arc gouging	mm	-
Dimensions (LxBxH)	mm	327x560x602
Weight	Kg	50
Ordering Information		Model No.
Power source (without Remote option)		YD-400AT3DJV
Power source (with Remote option)		YD-400AT3DJR
Remote controller (optional)		TSM93067

Panasonic reserves the right to alter the specifications without notice.

Panasonic

Range of Welding Equipment: MMAW | MIG/MAG | TIG | Plasma Cutting | Welding Accessories | Welding Robots
Panasonic has set-up its own state-of-the-art welding equipment manufacturing facility at Jhajjar near Gurgaon, Haryana, India.

For more information please write to welding.info@in.panasonic.com.
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