

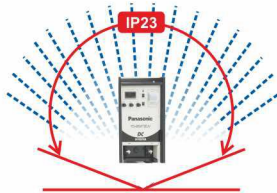
Panasonic

400AT3_{DJR/DJG/DJE}

The World's Most Preferred and Reliable
400 Amps IGBT Inverter DC Arc Welding System



Key Features of 400 AT3



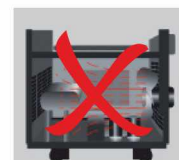
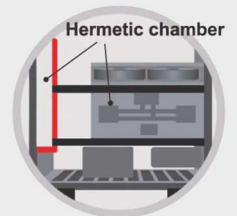
- IP 23 Protection class makes this machine suitable for indoor and outdoor application
- High Ambient Temperature resistance up to 50°C – ideal for Indian atmospheric conditions.
- Allowable Input Voltage Fluctuation range up to +/- 20%.
- Output Cable extendable to 100 meters.
- Double fan available 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 (Built in VRD less than 13 Volt DC) to protect the operator while working in moist, upper Air or in metal container & congested areas.
- 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



400AT3

RoHS

Restriction of Hazardous Substances

www.panasonic.com/in/welding

World-Class Welding Quality at Your Doorstep



- Panasonic Smart Factory Solutions 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 Specifications	Units	400AT3
INPUT		
Rated Input voltage	Volts	415, ±20%
Phase/Freq.	No./Hz	3ph/50-60
Max Input KVA @ 415 Vac		
60% Duty Cycle	KVA/KW	17.6/16.7
OUTPUT		
Rated Current Range	Amps	20-410
Rated Output Voltage	Volts	36 (MMAW) / 26 (Scratch TIG)
Voltage Reduction Device (VRD)		< 13V DC
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	550 x 330 x 600
Weight	Kg	43
Ordering Information		Model No.
Power Source (with Amp Meter)		YD-400AT3DJR
Power Source (with Amp & Volt Meter)		YD-400AT3DJG
Power Source (Cellulosic Electrode)		YD-400AT3DJE
Remote Controller (Optional)		TSM93067

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 Gurugram, Haryana, India.

For more information and service related queries please write to:
welding.info@in.panasonic.com, Pfsin.enquiry@in.panasonic.com

Panasonic India Pvt. Ltd.

(Division Company: Panasonic Smart Factory Solutions India)

Head Office: 12th Floor, Ambience Tower, Ambience Island, NH-8, Gurugram - 122002, Haryana, India. Phone: +91-124-4871300, Fax: +91-124-4871333

Factory: Village Bid Dadri, Tehsil and District: Jhajjar - 124103, Haryana, India. Phone: +91-9729900200

Authorised Sales & Service Provider

Eastern Regional Office: No 1, Vikash Towers, Dr. UN Brahmachari Street, 3rd Floor, Opp. ITC Fortune Hotel, Kolkata - 700016, West Bengal. Phone: +91-9729900200

Western Regional Office: 5th Floor, Unit No. 502 & 503, Windfall Building, Sahar Plaza Complex, Survey No. 179A to 179H, J. B. Nagar, Andheri East, Mumbai - 400058, Maharashtra. Phone: +91-9729900200

Southern Regional Office: 6th Floor, SPIC Building Annexe, No. 88, Mount Road, Guindy, Chennai - 600032, Tamilnadu. Phone: +91-9729900200

Central Regional Office: Ayodhya, 119, 2nd Floor, Bajaj Nagar, Nagpur - 440010, Maharashtra. Phone: +91-9729900200

Japan Factory: 1-1, 3-chome, Inazu-cho, Toyonaka, Osaka 561 0854, Japan.

China Factory: No. 9 Qingnan Rd, Tangshan New & Hi-tech Industrial Park, Hebei, China.

Sales Offices at Ahmedabad, Bengaluru, Bhubaneswar, Mumbai and Hyderabad.

PSFSI / 400AT3 / 022021

www.panasonic.com/in/welding