

400AT3

DJR/DJG/DJE

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



AT3DJR
(Amp Display)

AT3DJG
(Amp & Volt Display)

AT3DJE
(Cellulosic electrode)

3-Tier and 4-Cabinet dust-free structure

Key Features of 400 AT3



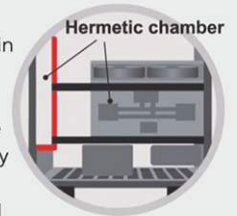
- ▶ IP 23 Protection class makes this machine suitable for indoor and outdoor application
- ▶ High Ambient Temperature resistance up to 50°C - ideal for Indian atmospheric conditions.
- ▶ Allowable Input Voltage Fluctuation range up to +/- 20%.
- ▶ Output Cable extendable to 100 meters.
- ▶ Double fan 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 tier 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

Technical Specifications	Unit	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:		
@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		
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 reserves the right to alter the specifications without notice.

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.



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.

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Authorised Sales & Service Provider



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