

Panasonic

400 ET3_{DJR}

The World's Most Preferred and Reliable
High Performance IGBT Welding Rectifier
for Outdoor Fabrications

Outdoor
Fabrication
Specialist



VRD
INSIDE



User Friendly Outdoor - Fabrication Features

- High Ambient Temperature Resistance upto 50°C.
- IP 23 Protection Class.
- Can withstand higher voltage fluctuations $\pm 20\%$.
- Works even with 100 meters long cable without current drop.
- Compact and light weight for easy site movement.
- DG Compatible.
- Low power consumption.

Other Features

- Ripple-free DC Output - Minimised spatters, Improved productivity.
- Completely manufactured in India - No issue of spares availability and service.
- TIG Welding possible with scratch start.
- Suitable for all types of electrodes like Rutile, Basic, Stainless steel, Low Hydrogen Electrode etc.
- 02 Wheels provided for easy movement on uneven surface.

Important Safety Features

- Electric shock prevention (Built in VRD less than 13 Volt DC) to protect the operator while working in Enclosed space.
- Over-voltage and under-voltage protection.
- Overheating protection.
- Single-Phasing protection.

Typical Outdoor Applications

- Power & Energy.
- Oil & Gas Upstream & Downstream.
- Steel Plant & Cement Plant.
- Railways.
- Infrastructure.

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	400ET3
INPUT		
Rated Input voltage	Volts	415, $\pm 20\%$
Phase/Freq.	No./Hz	3ph/50-60
Max. Input KVA@60% Duty Cycle	KVA / KW	17.02 / 16.5
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	510 x 325 x 577.5
Weight	Kg	36 Kg
Ordering Information		Model No.
Power Source with Remote Socket		YD-400ET3DJR

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:
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Panasonic India Pvt. Ltd.

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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

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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 / 400ET3 / 022021

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