

# Panasonic

# 400 ET3<sub>DJR</sub>

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.

## 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.

## 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.

## 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](http://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
<b>INPUT</b>		
Rated Input voltage	Volts	415, ±20%
Phase/Freq.	No./Hz	3ph/50-60
Max. Input KVA@60% Duty Cycle	KVA / KW	17.02 / 16.5
<b>OUTPUT</b>		
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
<b>GENERAL</b>		
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
<b>Ordering Information</b>		<b>Model No.</b>
Power Source with Remote Socket		YD-400ET3DJR

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**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](mailto:welding.info@in.panasonic.com), [Pfsin.enquiry@in.panasonic.com](mailto: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 / 400ET3 / 022021

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