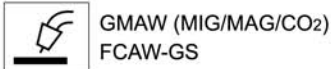




INPUT OUTPUT

WELDING PROCESS



| MODEL | WE301V | WE402V | WE502V |
|--------------------------------|---|----------------------|----------------------|
| Input Supply | 415 V ± 10%, 3-ph, 50 / 60 Hz (Standard) 460 V + 5% / - 10%, 3-ph, 50 / 60 Hz (Optional) | | |
| Rated Input Power | 12.2 kVA | 18 kVA | 25.1 kVA |
| Idling Input Current | 0.2 A (Max.) | | |
| Output OCV Range (CV) | 0 – 35 V * | 0 – 41 V * | 0 – 48 V * |
| Rated Output @ 70% Duty Cycle | 300 A / 32 V | 400 A / 36 V | 500 A / 40 V |
| Rated Output @ 100% Duty Cycle | 250 A / 30 V | 330 A / 33.2 V | 420 A / 36.8 V |
| Dimensions (W x H x D) | (260 x 380 x 490) mm | (260 x 380 x 490) mm | (270 x 440 x 490) mm |
| Weight | 38.5 kg | 38.9 kg | 44.1 kg |

* Reduced Open Circuit Voltage (VRD) available on request

WELDING FEATURES

- Stepless **Voltage** control is automatically transferred to wire feeder.
- Adjustable electronic **inductance** control for smooth and spatterless welding.
- Compatible with **Weldman** wire feeders WE4R, WE4R2 and WE2R.

GENERAL FEATURES

- **Inverter** technology.
- **Heavy-duty, Rugged** and **Light-weight**.
- **Welder** friendly controls.
- **Energy** efficient & **Generator** friendly - Low kVA demand.
- **Maintenance** and Service friendly.
- **Digital display** for easy setting of Voltage.
- Ideal for **harshest** environment and meets the requirement of quality welding in shipyards, pipelines, constructions, petrochemical plants, offshore works and workshops.

SAFETY FEATURES

- **MCB & Fuses** for fault protection.
- Under voltage, thermal overload & current limit protection.

