

WALTER - VULKAN 300 MMA CELL – Lightweight and Portable Welder for Professional Welding With All Types of Electrodes

WALTER VULKAN 300 MMA CELL – A tool that will reliably finish any project in all working conditions.

A portable monophase IGBT MMA/TIG inverter. Modern design, easy set-up. Durability at extremely harsh working conditions. A very high duty cycle– 250A/100%. Works on power generators. **Uninterrupted MMA welding in conditions of poor power supply network.** Welding with all types of coated fluxed electrodes (Rutile, Basic, Cellulosic up to 6mm...). HOT-START i ANTI-STICK functions embedded. Can weld with fluxed aluminum and inox electrodes also up to 6mm. A stable welding arc, without arc interruption, electrode overmelting, or electrode sticking. High quality of installed components.



WALTER VULKAN 300 MMA CELL

Input Voltage	1ph	380V +/-15%
Input Volt. Frequency	Hz	50/60
Input Power	kW	10
Fuse 220/230	T/A	25
ELECTRODE	Ø	1 to 6 mm
Welding Current TIG/DC	A	1 - 300A
Welding Current MMA	A	10 - 300A
Open Circuit Voltage: TIG	V	100V
Open Circuit Voltage: MMA	V	100V
Arc Voltage: TIG	V	11V - 32V
Arc Voltage: MMA	V	22V - 42V
Duty Cycle at 40°C 10 min. cycles 2-hour test	%	300A/40% 280A/60% 250A/100%
Mechanical Protection Calss	IP	21
Dimensions	mm	123x175x290
Weight	kg	11.5

APPLICATIONS:

Pipelines of medium sizes, metal constructions, full day work under extremely low or high temperatures. Professional precision while welding with low currents. A stable welding arc even at 10Amps. Steel plates, regular and thin-walled steel pipes, profiles up to 20mm. Decorative constructions, fences and postaments. Fabrication and reparation. Construction, food, military industries. Quality welds without slag input. A perfect weld and stable arc without sticking when welding with basic and cellulosic electrodes. Excellent weld penetration, and long continuous weld fillings. Easy application of aluminum and inox electrodes.

TECHNICAL SPECIFICATIONS

- WALTER VULKAN 300 MMA CELL:

- Welding with all types of fluxed coated electrodes: **RUT/BAS/CELL**
- Can operate at extremely low voltage grid and on power generator.
- Can work in **TIG** welding mode.
- 100% duty cycle at 250A.
- HOT-START and ANTI – STICK functions.
- Digital measurement of temperature, overheating indicated by LED signal.
- Small weight – 11.5kg, portability and durability.

DELIVERED IN PACKAGE WITH VULKAN 300 MMA CELL

- Electrode holder 400A with cable for MMA welding (3m, 35mm²).
- Earth clamp 400A with cable (3m, 35mm²).

NOT INCLUDED IN BASIC PACKAGE:

Additional charges apply.

- TIG TORCH WP26 – 4m. Water Cooled. 260A/100%.
- Water pump for TIG torch.
- Foot pedal remote control.
- Handheld remote control.
- Spare parts set.