

TORNADO

Switch over to the latest inverter technology

TORNADO 601



FEATURES

Advanced IGBT inverter technology with:

- 20 KHz inverter frequency, greatly reducing the volume and weight of the power source
- Great reduction in magnetic loss and obviously enhanced the welding efficiency and power saving.
- Switching frequency is beyond audio range thus eliminates noise pollution

Leading control mode:

- Top design of auxiliary power supply brings a broader application scope of welding power supply
- Advanced control solution enhances the welding performance and meets welding technology demands
- Ideal for use in acid and basic electrode welding
- Easy arc starting, minimum spattering, stable current and good shaping

Improved functional design:

- Adjustable thermal arc starting function greatly improves the arc starting performance of the machine
- Self-adaptive arc-force mode improves the welding performance in long cable welding and distant welding can be realized

TORNADO 601

Inverter Power Source for MMAW

TORNADO 601 is a manual arc-welding power source with IGBT inverter technology. Ideal for continuous use for heavy fabrication. Excellent power saving, compact and light weight.

TECHNICAL SPECIFICATIONS

DESCRIPTION		UNIT	TORNADO 601
Input voltage		V	415 V AC ($\pm 10\%$); 3 Ph; 50 Hz
Rated input capacity		KVA	28.5
rated input current		A	56
Welding current at	60% duty cycle	A	630
	100% duty cycle	A	488
Open circuit voltage		V	80
Output current range		A	30-630
Efficiency		%	>85
Power factor		cos ϕ	0.93
Insulation		Type	F
Protection class		Type	IP 21
Weight		Kg	54
Dimensions (LxWxH)		mm	650 X 355 X 624

STANDARD ACCESSORIES



Electrode holder
TOEH600-0



Earthing clamp
TOEC600-0

OPTIONAL ACCESSORIES



Gloves
COMMNGLOVES-0



Welding goggle
GOGGLEWHITE-0



Shield
COMMNSHILDGLS-0



Welding Helmet
COMMNHMET-0