



# ALPHA ARC FURY 3

## 160A & 200A MMA INVERTERS

The Thermamax Alpha Arc Fury series features two portable and robust MMA welding inverters. These compact yet powerful machines are TÜV certified, and conform to the IEC60974-1 International safety standard.



The Fury 3 has built-in anti-stick, arc-force and hot-start technology. This ensures smoother arc striking. These MMA/ARC inverters have been manufactured to pass our six strict quality-control measures, ensuring that they function under extreme temperature and humidity levels, are sturdy and strong, and maintain a reliable duty-cycle.

### INCLUDES:

- 3m 25mm<sup>2</sup> Cable with 200A Electrode Holder
- 3m 25mm<sup>2</sup> Cable with 300A Earth Clamp

## FEATURES

- Advanced IGBT inverter technology
- Highly efficient, energy saving
- Hot start arc ignition
- Stable welding current
- Compact & lightweight
- Built-in arc force
- Waterproof, antistatic and anticorrosive

TECHNICAL PARAMETER	UNIT	ARC 160	ARC 200
RATED INPUT VOLTAGE	V	AC230V±15%; 50/60HZ	AC230V±15%; 50/60HZ
RATED INPUT POWER	KVA	5.0	6.5
WELDING CURRENT RANGE	A	20 ~ 160	20 ~ 200
	V	20.8 ~ 26.4	20.8 ~ 28
RATED DUTY CYCLE*	%	60 @ 160A	60 @ 200A
NO LOAD VOLTAGE	V	60	67
OVERALL EFFICIENCY	%	85	85
HOUSING PROTECTION GRADE	IP	215	215
POWER FACTOR	cosφ	0.65	0.65
INSULATION GRADE		F	F
STANDARD		IEC60974-1	IEC60974-1
NOISE	db	<70	<70
SIZE - WITHOUT HANDLE		316*128*215	316*128*215
	- WITH HANDLE	396*136*238	396*136*238
WEIGHT		4.1	5.4
APPLICABLE ELECTRODES		1.0 - 5.0	1.0 - 5.0



1. SAFETY TEST



2. TEMPERATURE & HUMIDITY TEST



**THERMAMAX**  
6-STEP  
QUALITY  
PROCESS

3. VIBRATION TEST



4. HEAT TEST  
(DUTY CYCLE)



6. PCB TESTING



5. WATER-  
PROOFING  
TEST

