



## Aristo Mig U4000i / U5000i

### Heavy-duty Multi-process Inverter Power Sources for MIG/MAG (Pulse / Synergic / Non-Pulse), MMA Welding and Arc Gouging

- Inverter power source for applications demanding high level of performance.
- Robust construction, body made of aluminium to prevent corrosion and handle tough working environments.
- Both Cooling Fan and Pump function on demand, extremely low no-load power consumption.
- Communication system is based on CAN-bus for efficient control with minimization of cables.
- Dust filter to handle tough and dirty working environment and avoid grinding dust and metal particles inside the chassis of the power source.
- Suitable for both manual and mechanized applications with outstanding welding characteristics.



Technical Data	Mig U4000i	Mig U5000i
<b>Power Source</b>		
Mains supply, Ph x V, Hz	3 x 400±10%, 50	3 x 400±10%, 50
Open circuit voltage, VDC (Max)	80	80
Welding current range, A	16 - 400 / 4 - 400#	16 - 500 / 4 - 500#
Output at 60% duty cycle, A	320	500
Output at 100% duty cycle, A	250	400
Type of cooling	Forced Air	Forced Air
Enclosure class	IP 23	IP 23
Application class	S	S
Standards of compliance	IEC/EN 60974 -1 IEC/EN 60974 -10	IEC/EN 60974 -1 IEC/EN 60974 -10
Dimensions, l x w x h, mm	625 x 394 x 476 625 x 394 x 776*	625 x 394 x 476 625 x 394 x 776*
Weight, Kg	61 / 81*	69 / 89*
<b>Cooling Unit*</b>		
Cooling power, W**	2500*	2500*
Coolant	50% water and 50% glycol*	50% water and 50% glycol*
Coolant quantity, ltr	5.5*	5.5*
Maximum water flow, ltr/min	2*	2*

#### # Current range for TIG

\* Applies to water cooled models Aristo Mig 4000iw / 5000iw only

\*\* At 40 Deg C temperature difference and flow rate 1.5 ltr/min