

WALLIUS

BlackLine

250 synergic

BlackLine 250 SYNEGIC is a professional 3 Phase Inverter Power Source for MIG/MAG, TIG DC and MMA welding. BlackLine 250 SYNEGIC main applications are: maintenance, repair, and light to medium carpentry. MIG-MAG synergic programs facilitate the selection of precise welding parameters using standard wires: SG2/SG3, Stainless Steel and Aluminum. Mig-brazing synergic programs provide considerable appearance and operational characteristics using CuSi3 and CuSi6. Polarity change allows welding with self shielded wires.

Innovative WALLIUS unique HAC (Hybrid Arc Control) supplies a soft and very stable MIG-MAG arc with excellent weld bead quality and minimal spattering in any working conditions.

Friendly-user interface allows precise parameters setting using only one knob. Additional parameters, Motor Slope, Soft Start, Burn Back and Post Gas are included for perfect arc ignition and optimum wire cutting at the end of welding. Inductance is electronically adjustable from the front panel and optimizes the arc. Built-in Wind Tunnel protects electronic devices from dust and saltiness, improving BlackLine 250 SYNEGIC life cycle.

A perfect wire feeding is guaranteed thanks to a 4-rolls motor drive included in BlackLine 250 SYNEGIC.

- Up to 5mm electrodes in MMA.
- Lift TIG ignition reduces Tungsten inclusions
- Pulsed TIG DC: focused arc, thinner welding material and lower distortions

Construction technology: **Inverter**

Mains supply: **Three phases**

Type: **MULTIFUNCTION**



WALLIUS
WELDING MACHINES

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See details

Mains voltage	3 x 400V~ ±15% / 50-60Hz								
Mains protection	16A DELAYED								
Welding modes	MIG-MAG			MMA			TIG		
Working cycle (40°C)	30%	60%	100%	40%	60%	100%	40%	60%	100%
Welding current	250A	170A	140A	200A	160A	130A	200A	170A	140A
Working voltage	26,5V	22,5V	21,0V	28,0V	26,4V	25,2V	18,0V	16,8V	15,6V
Maximum input power	7,6KV A	5,0KV A	4,1KV A	5,7KVA	4,5KV A	3,6KV A	4,0KV A	3,4KV A	2,7KVA
Maximum supply current	18,7A	12,2A	10,0A	14,0A	11,0A	8,8A	9,9A	8,3A	6,7A
Maximum effective supply current	10,2A	9,4A	10,0A	8,8A	8,5A	8,8A	6,2A	6,4A	6,7A
Open circuit voltage	11V			80V			11V		
Insulation class	H								
Protection rating	IP23								
Cooling system	AF								
Construction standards	EN 60974-1/-5/-10								
Power source size (L x D x H)	290 x 520 x 465mm								
Power source weight	22,8Kg								

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