

Profi-Line E-Welding Inverters

ATLAS 160 DIY, ATLAS 171 and ATM 2000 G

IGBT technology in use

Due to the IGBT technology the ATLAS 160 DIY, ATLAS 171 and ATM 2000 PFC are small, lightweight and compact but nevertheless very efficient. All three have an excellent welding process: The sharp and dynamic response speed reduces the fluctuation of the arc length, allowing precise and continuous adjustment of the current. Functions such as Arc Force, Hot Start and Anti Stick are regulated automatically. In addition, the ATM 2000 G can weld electrodes as well as TIG with Lift-Arc.



Features

- PFC-technology (only at ATM 2000 G PFC, Power Factor more than 0,7).
- Low input voltage .
- Input current range from 95 V AC – 270 V AC.
- TIG with Lift-Arc-ignition.
- Anti-Stick, Arc-Force, Hot-Start, VRD.
- Arc-Force at MMA mode.
- Protection against overheating, overcurrent, low voltage, overvoltage
- Very small casing; easy to handle.
- Suitable for generators.



ATLAS 171 in Case

ATLAS 160 DIY in Case

Model	ATLAS DIY 160	ATLAS 171	ATM 2000 G PFC
Supply voltage	230 V±15% 50/60Hz	1 - 230V ± 10%, 50/60 Hz	1 - 230V ± 10%, 50/60 Hz
Supply voltage range			95 - 270V, ± 10%, 50/60 Hz
Nominal current	5,8 KVA	7,1 KW	8,1 KW
Rated input current	26 A	32,5 A	21A
Duty cycle (40° C 10 min)	60% 140 A 100% 100 A	60%	25% 200 A 60% 130 A 100% 100 A
No-load voltage	15 V	75 V	66 V
Welding current range		10 - 160 A	10 - 200 A
Power Factor		≥ 70 %	≥ 75 %
Insulation class	F	F	H
Protection class	IP 23	IP 23 S	IP 23 S
Measur. (LxWxH)	230x100x150 mm	320x120x220 mm	400 x 140 x 240 mm
Weight	2,8	6,6 kg	4,8 kg
Cooling		AF	AF
Electrode diameter			2,5; 3,2; 4,0
Item no.	02.01.01.00080	02.01.01.00120	02.01.02.00200



Scope of delivery:

1 Earth Cable, 5 m
1 Electrode cable, 5 m
(ATM without PVC case)

Scope of delivery Atlas 160:

1 PVC case
1 Earth Cable, 3,5 m
1 Electrode cable, 3,5 m

Optional:

Adapter 32 A (230 V -> 400 V)

Accessories

Item no.

Adapter (230 V -> 400 V) 32A	70073.677078
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