



STANDARD SERIES

Inverter three-phase MIG/MAG devices PATON StandardMIG-270/350

of the «Standard» series are designed for direct current welding of a wide range of materials in MIG/MAG, MMA, and TIG modes with the PULSE function for each of them. These devices are powered by a three-phase 400V network and provide a 55% duty cycle at their nominal current of 270A and 350A, respectively. The bracket makes it possible to install coils with wire weighing up to 15 kg, which are placed in a separate closed compartment, which ensures protection of the wire from dirt, and a reliable feeding mechanism guarantees stable wire feeding through the torch channel, up to 5 meters long.

Properties and advantages:

- Extensive possibilities of adjustment of welding parameters:
 - in the mode of «MMA» – 1 (basic) + 10 (additional);
 - in mode «TIG» – 1 (main) + 4 (additional);
 - in MIG / MAG mode – 2 (main) + 9 (additional);
- Possibility to adjust to PULSE mode in MMA, TIG and MIG/MAG welding modes;
- The microelectronics of the source are placed in a separate compartment;
- Separate closed compartment for coil with welding wire weighing up to 15 kg.
- Convenient torch connection (KZ-2 EURO type socket).



3 years
warranty

STANDARDMIG-270-400V • 350-400V

DC MMA/TIG/MIG/MAG

CHARACTERISTICS:

PARAMETERS:

	StandardMIG-270-400V	StandardMIG-350-400V
Rated supply mains voltage 50Hz, V	3x400	3x400
Rated current consumption from the mains phase, A	12,0 - 14,0	16,0 - 18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Duty cycle	55% at 270A 100% at 200A	55% at 350A 100% at 260A
Power supply voltage range, V	15%	
Welding current control range, A	12-270	14-350
Welding voltage control range, V	12 - 29	12 - 30
Wire feed speed control limits, m/min	2,0 - 16	
Welding wire diameter, mm	0,6 - 1,2	0,6 - 1,4
Number of rollers of the wire feed mechanism	2	4
Coil weight, kg	up to 15	
Operating temperature range	-25 ... +45°C	
Hot Start Function	Adjustable	
Arc-Force Function	Adjustable	
Anti-Stick Function	Automatic	
Idle voltage reduction unit	on / off	
Idling voltage, V	12 / 75	
Arc striking voltage, V	110	
Rated power consumption, kVA	8 - 9,4	10,7 - 12,3
Maximum power consumption, kVA	11,4	15,3
Cooling	Adaptive	
Standards	EN IEC 60974-1	
Insulation class	H	
Dimensions, mm (length, width, height)	615x310x460	
Weight, kg	27,6	27,7
Protection class	IP33	

DELIVERY SET StandardMIG-270/350-400V:

Set of rollers for 4 diameters of welding wire and 2 diameters of aluminum wire (for StandardMIG-350) and a union for quick-release connection of a gas hose

Welding cables with ABICOR BINZEL electrode holder and «ground» terminal

ABICOR BINZEL MIG/MAG torch

PATON branded corrugated box



COMPLETE