

StandardMIG-270-400V

StandardMIG-350-400V

3 years warranty

PATON INDUSTRIAL INVERTER MIG/MAG MACHINES

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. 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 18 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.



Processes



MIG/MAG
(PULSE)



MMA
(PULSE)



TIG DC
(PULSE, LIFT)

Input



3
phases



380
400
V

Output



DC

PARAMETERS

	StandardMIG-270	StandardMIG-350
Rated voltage of the three-phase mains 50 / 60Hz, V	3x380 / 3x400	
Rated input current from mains, A	12,0–14,0	16,0–18,5
Rated welding current, A	270	350
Maximum operating current, A	350	450
Voltage variation limits of mains voltage, V	±15%	
Duty cycle (DC), %	55% / 270A 100% / 200A	55% / 350A 100% / 260A
Rated supply mains voltage 50Hz, V	12–270	14–350
Rated input current from mains, A	12–29	12–30
Wire feed speed control limits, m/min	2,0–16,0	
Standards	EN IEC 60974-1	
Protection class	IP23	
Insulation class	H	
Operating temperature range	–25 ... +45°C	
Rated input power, kVA	110	
Welding pulse modes	MMA: 0,2–500Hz; TIG: 0,2–500Hz; MIG/MAG: 30–300Hz	
Maximum input power, kVA	8,0–9,4	10,7–12,3
Maximum power consumption, kVA	11,4	15,3
Cooling	Forced	
Weight, kg	26,5	26,6
Wire feeder mechanism	2 roller	4 roller
Maximum weight of the coil, kg	18	

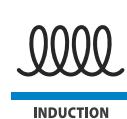
ADVANTAGES



LONG CABLES
COMPATIBILITY



WORK FROM
GENERATOR



INDUCTION
FUNCTION



2T/4T



WORK WITH
WEAK POWER
NETWORKS



OVERVOLTAGE
PROTECTION



STORING PROGRAMS
IN EACH WELDING
MODE



PULSE

FRONT CONTROLS

- 1 Welding mode selection button
- 2 The regulator for selecting the functions (parameters) of the current mode
- 3 Digital display
- 4 Welding program selection button (set of parameters previously set by the user)
- 5 The regulator for adjusting welding voltage parameter in MIG/MAG mode
- 6 Safety gas check button (no wire feed)
- 7 Wire-filling button (no gas supplied)
- 8 KZ-2 EURO type connector for semi-automatic torch connection
- 9 Power supply plug to the wire feeder
- 10 Lifting protective cover for wire feeder and coil compartment

A Bayonet-type power current socket "+"
B Bayonet-type power current socket "-"



APPLICATIONS

They use for welding a wide range of products in professional workshops, production, and assembly shops in the manufacture of metal structures and other metal products up to 4 mm thick.



COMPLETE SET

- 1 – Welding cables with electrode holder and «ground» terminal
- 2 – Set of rollers for 4 diameters of steel welding wire and 2 diameters of aluminum wire (for StandardMIG-350-400V), and a union for quick-release connection of a gas hose
- 3 – MIG/MAG torch
- 4 – Transport wheel set

1



2



3



4

