

WELDER INVERTER MIG/MAG MMA/TIG LIFT

PATON STANDARDMIG-200



Welder Inverter Paton StandardMIG-200 – basic data

The Paton StandardMIG 200 MIG/MAG MMA/TIG Lift welder inverter is designed for semi-automatic MIG/MAG arc welding, gas shielded TIG arc welding and manual MMA arc welding with direct current (DC) with the possibility of using the PULSE function.

The "Standard" series is dedicated to home and semi-industrial use. StandardMIG 200 provides 45% duty cycle at full rated current of 200A without loss of productivity and work quality. Robust construction and simplicity of operation makes working with the device trouble-free, despite the small size of the welder, it allows you to obtain excellent weld quality. The use of the fully electronic control method in this series excludes the disadvantages that are characteristic of multifunctional systems. The welding source is set to optimal values, which allows you to start working with it right away. For more advanced work, the device is equipped with additional functions. A characteristic feature of PATON™ Standard series semi-automatic machines is a high-quality wire feeder, which has been additionally sealed, as well as the existing KZ-2 "EURO" type integrated connector, which has become a standard all over the world, allowing the user to choose any MIG/MAG torch according to his own preferences.

Main advantages of the Paton StandardMIG-200 welder inverter:

- European manufacturing
- Electronic thermal protection system that protects all heat generating parts from overheating
- Reliability thanks to IGBT technology
- Possibility to work with long extension cables as well as with a generator
- Pulsed current welding in all welding methods
- Improved arc glow stability
- Change mode function 2T, 4T, gas cleaning with feeder function
- The devices have voltage spike protection and stabilization system, enabling proper operation in the voltage range of 160V to 260V
- Twice lower power requirements compared to traditional sources
- Optimum melting and correct stitch shape regardless of welding position



Rated power supply voltage 50/60 Hz	230 V
Rated power supply current	25 – 28A
Rated welding current	200A
Maximum operating current	270A
Operating load factor %	45% – 200A 100% – 134A
Power supply voltage range	160 – 260 V
Welding current control range	10 – 200A
Welding current control range	12 – 28V
Wire feeding speed control range	2,0 – 16 m/min
Diameter of a stick electrode	1,6 – 4,0 mm
Number of pressure rolls	2
Diameter of electrode wire	0,6 – 1,0 mm
Coil weight, not more than	5 kg
Welding processes with a pulse welding mode	MMA: 0,2...500 Hz
Function "Hot-Start"	Adjustable
Function "Arc-Force"	Adjustable
Function "Anti-Stick"	Automatic
Reduction of open-circuit voltage	ON/OFF
Open-circuit voltage	12 / 75 V
Welding arc starting voltage	110 V
Rated consumed power	5,5 – 6,1 kVA
Maximum consumed power	7,0 kVA
Efficiency coefficient	90%
Cooling	Automatic
Operating temperature range	–25 ... +45 °C
Fulfilled standards:	EN 60204 – 1:2006 EN 60974 – 1:2012 EN 60974 – 10:2014
Overall dimensions (length, width, height)	415 x 245 x 298
Weight	11,2
Protection class*	IP 21