

PowerMIG-400-15-4-400V



2 years
warranty

PATON PowerMIG-400-15-4-400V digital inverter MIG/MAG

is a professional-grade machine designed for MIG/MAG, MMA, and TIG welding with direct current in protective gas environments and gas mixtures. The key feature of this inverter is its 100% duty cycle (DC) at a nominal current of 400 A, ensuring continuous operation without the risk of overheating. A robust wire feeder bracket allows the installation of wire spools weighing up to 15 kg.



Processes



Input



Output



PARAMETERS

Rated voltage of mains 50 / 60Hz, V	3×380 / 3×400
Rated current consumption from the mains phase, A	22–26
Rated welding current, A	400
Maximum operating current, A	500
Duty cycle, %	100% /400A
Supply voltage variation limits, V	±15%
Limits of regulation of welding current, A	15–400
Limits of regulation of welding voltage, V	12–35
Welding wire diameter, mm	0,6–1,6
Welding pulse modes	MMA: 0,2–500 Hz; TIG: 0,2–500 Hz; MIG / MAG: 30–300 Hz
Maximum power consumption, kVA	15,2–18
Overall dimensions, L×W×H, mm	510 × 235 × 410
Standards	EN IEC 60974-1
Protection class	IP 23
Insulation class	H
Operating temperature range	–25 ... +45°C
Wire feeder mechanism	4 roller
Weight without accessories, kg	38,4
Maximum weight of the coil, kg	18

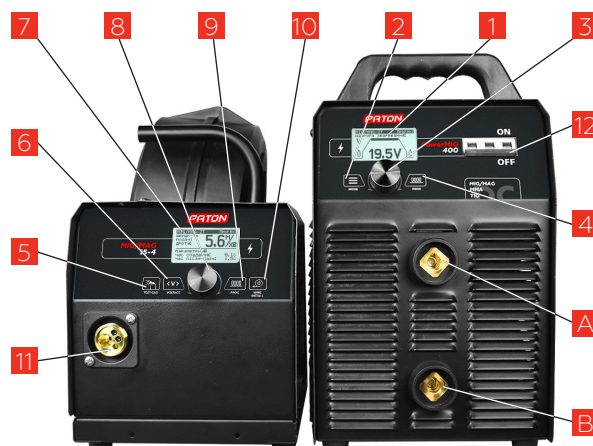
ADVANTAGES



FRONT CONTROLS



- 1 Digital display
- 2 Welding mode selection button
- 3 The regulator for selecting the functions (parameters) of the current mode and adjusting their values
- 4 Welding program selection button
- 5 Button for testing shielding gas supply (wire is not fed)
- 6 Button for adjusting the welding voltage on the wire feeder
- 7 Digital display of the wire feeder
- 8 The regulator for selecting the functions (parameters)
- 9 Welding program selection button on a wire feeder
- 10 Wire threading button (no gas is supplied)
- 11 EURO type KZ-2 connector for connecting a semi-automatic torch
- 12 Breaker for turning on/off the welding current source
- A Bayonet-type power current socket "+"
- B Bayonet-type power current socket "-"



APPLICATIONS

A wide range of welding works at any format manufacturing and service industrial enterprises, especially those working in the fields of metallurgy, metalworking, shipbuilding, and ship repair.



COMPLETE SET



- 1 — Fitting for quick-release gas hose connection, set of rollers for 4 diameters of steel and 2 diameters of aluminum wire
- 2 — Welding cable with ABICOR BINZEL and «ground» terminal
- 3 — Protective cover



COMPATIBILITY
WITH BURNERS
PUSH-PULL



COMMUNICATION
CABLES SET



MODEL	LENGTH
CCS-350-1P	1 m
CCS-350-5P	5 m
CCS-350-10P	10 m
CCS-350-20P	20 m
CCS-500-1P	1 m
CCS-500-5P	5 m
CCS-500-10P	10 m
CCS-500-20P	20 m
CCS-630-1P	1 m
CCS-630-5P	5 m
CCS-630-10P	10 m
CCS-630-20P	20 m