

MINI R-4 · MINI · MINI-C



3 years warranty

The **PATON MINI inverter rectifier** are compact ergonomic machines for direct-current manual arc welding, intended for users needing a portable welder with a rated current of up to 150A. Such current is sufficient for work by using any welding electrodes from 1.6 mm to 4.0 mm in diameter, with a duty cycle of up to 40 percent. The automatic Anti-Stick, Arc Force and Hot-Start functions make it easy and convenient to use the machine for welders of any professional level.



Process



Input



Output



PARAMETERS:

	MINI R-4/MINI/MINI-C
Rated supply voltage 50Hz, V	220/230
Supply voltage variation limits, V	170-260
Rated current consumption from the mains phase, A	18.5
Rated welding current, A	150
Duty cycle, %	40% / at 150A 100% / at 94A
Maximum operating current, A	180
Limits of regulation of welding current, A	20 - 150
"Hot-Start" function	Automatic
"Arc Force" function	Automatic
"Anti-Stick" function	Automatic
No-load voltage, V	up to 80
Arc striking voltage, V	110
Rated power consumption, kVA	4.0
Maximum power consumption, kVA	5.0
Efficiency, %	90
Cooling	Forced
Operating temperature range	-25 ... +45°C
Overall dimensions (length, width, height), mm:	200 x 100 x 235
Weight without accessories, kg	3.3
Protection rating	IP21
Standards	EN IEC 60974-1
Insulation class	H

ADVANTAGES



LONG CABLES COMPATIBILITY



WORK FROM GENERATOR



ANTI-STICK



ARC-FORCE



HOT START

IGBT

TECHNOLOGY



WORK WITH WEAK POWER NETWORKS

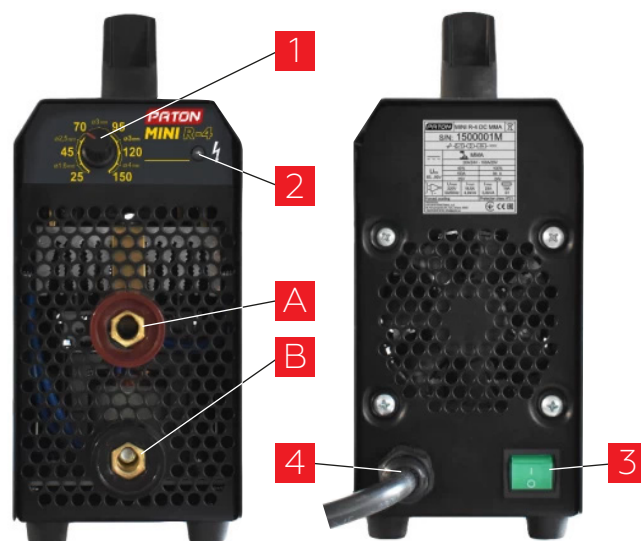


OVERVOLTAGE PROTECTION



CONTROLS

- 1** Regulator of welding current
- 2** Operation indicator:
 - a) green light – machine is in a normal state;
 - b) yellow light – overheating.
- 3** Mains breaker
- 4** Power supply cable
- A** Bayonet-type power current socket "+"
- B** Bayonet-type power current socket "-"



APPLICATIONS

Performing household tasks – welding of metal pipes (water/gas), chimneys and drains from stainless steel, metal loops, sheets of corrugated board, arrangement of territories of country sites and apartment houses (greenhouses, canopies, gazebos, fences).



COMPLETE SET



- 1** – Welding cables with ABICOR BINZEL electrode holder and «ground» terminal (for MINI and MINI-C models)
- 2** – The shoulder-carry belt
- 3** – PATON branded corrugated box (for MINI R4 and MINI models)
- 4** – PATON branded plastic case (for MINI-C model)

