



Minarc 150

6102150

Minarc 150 is a 1-phase, 140 A DC MMA welding power source. This little powerhouse comes with everything you need to start welding. It has a durable casing and it is easy to carry with its shoulder strap. The Minarc 150 is also available with a VRD function.

Technical data

Description	Value
Mains connection voltage	230 V \pm 15 %
Mains connection phases	1~50/60 Hz
Mains connection cable type	3G, H07RN-F
Mains connection cable size	2.5 mm ²
Maximum supply current [I _{1max}]	27 A
Effective supply current [I _{1eff}]	16 A
Rated maximum input power [S _{1max}]	7.5 kVA
Mains fuse	16 A
No-load voltage (MMA/TIG) [U ₀]	105 V
Open circuit voltage (MMA) [U _{av}]	85 V
Output, duty cycle % at rated max. current, TIG	35 %

Description	Value
Output at +40 °C, rated max current, TIG	150 A
Output at +40 °C, 60% TIG	125 A
Output at +40 °C, 100% TIG	110 A
Output, duty cycle % at rated max. current, MMA	35 %
Output at +40 °C, rated max current, MMA	140 A
Output at +40 °C, 60% MMA	115 A
Output at +40 °C, 100% MMA	100 A
Output range, TIG	10 A / 10.4 V ... 150 A / 16 V
Output range, MMA	10 A / 20.4 V ... 140 A / 25.6 V
Power factor at rated maximum current [λ]	0.6
Efficiency at rated maximum current [η]	80 %
EMC class	A
Stick electrode diameter	1.5 mm...3.25 mm
Welding connection type	DIX
Operating temperature	-20 °C...40 °C
Storage temperature	-40 °C...60 °C
Recommended minimum generator power [Sgen]	8.5 kVA
Degree of protection (fully installed)	IP23S
External dimensions, length	320 mm
External dimensions, width	123 mm
External dimensions, height	265 mm
Weight without accessories	4.6 kg
Standards	IEC 60974-1, -10