



X5 Power Source 400

X5110400000

Multi-process power source that provides 400 A with 60% duty cycle. Manual and synergic welding options available. Compatible with MAX Speed, MAX Cool, WiseFusion, WiseSteel, and WisePenetration welding processes. In robotic welding applications, TIG and MMA processes are not available. A 5-year warranty is available through end-user registration in the MyFleet service.

Technical data

Description	Value
Mains connection voltage	380...460 V ± 10 %
Mains connection phases	3~50/60 Hz
Mains connection cable type	H07RN-F
Mains connection cable size	4 mm ²
Maximum supply current [I _{lmax}]	28 ... 24 A
Effective supply current [I _{leff}]	24 ... 21 A
Rated maximum input power [S _{lmax}]	20 kVA

Description	Value
Mains fuse	25 A
Idle state power consumption [P _{idle}]	30 W
No-load state power consumption (MMA), power save	30 W
No-load state power consumption (MMA), fans ON	175 W
No-load voltage [U ₀]	52 ... 67 V
Open circuit voltage [U _{av}]	52 ... 67 V
Output at +40 °C, 60% MIG	400 A
Output at +40 °C, 100% MIG	350 A
Output range, MIG	15 A / 12 V ... 400 A / 42 V
Output range, TIG	15 A / 1 V ... 400 A / 42 V
Output range, MMA	15 A / 10 V ... 400 A / 42 V
Voltage adjustment range, MIG	8 ... 45 V
Power factor at rated maximum current [λ]	0.88
Efficiency at rated maximum current [η]	90 %
EMC class	A
Minimum short-circuit power of supply network [S _{sc}]	5.8 MVA
Voltage supply for auxiliary devices	12 V, 48 V
Voltage supply for cooling unit	24 V, 380...460 V
Wired communication type	CAN bus
Operating temperature	-20 ... 40 °C
Storage temperature	-40 ... 60 °C
Recommended minimum generator power [S _{gen}]	25 kVA
Degree of protection (fully installed)	IP23S
External dimensions, length	750 mm
External dimensions, width	263 mm
External dimensions, height	456 mm
Weight without accessories	39 kg
Standards	IEC 60974-1, -10