



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 $\pm 10\%$ |
| Mains connection phases | 3~50/60 Hz |
| Mains connection cable type | H07RN-F |
| Mains connection cable size | 4 mm ² |
| Maximum supply current [I _{1max}] | 28 ... 24 A |
| Effective supply current [I _{1eff}] | 24 ... 21 A |
| Rated maximum input power [S _{1max}] | 20 kVA |

| Description | Value |
|---|------------------------------|
| Mains fuse | 25 A |
| Idle state power consumption [P1idle] | 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 [U0] | 52 ... 67 V |
| Open circuit voltage [Uav] | 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 [Ssc] | 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 [Sgen] | 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 |