

# A7 Power Source 350



## OVERVIEW

A7 MIG Welder 350 is a welding power source designed for demanding professional use in robotic welding systems. It is suitable for synergic pulsed MIG/MAG, synergic 1-MIG and basic MIG/MAG welding, as well as the modified WiseRoot+™ and WiseThin+™ processes. The robot interface unit on top of the power source handles the communication with a robot and contains all necessary connections to integrate with a welding cell. The unit has an internal web server for easy control of welding and setup parameters via any device equipped with an internet browser including robot teach pendants.

## TECHNICAL SPECIFICATIONS

### A7 Power Source 350

Product code	6201350
Connection voltage 1~ 50/60 Hz	N/A
Connection voltage 3~ 50/60 Hz	400 V, -15 %...+20 %
Fuse (delayed)	25 A
Minimum generator power	35 kVA
Welding range	20 A / 12 V - 350 A / 46 V
Output 60% ED	350 A
Output 100% ED	330 A
Mains connection cable	4G6 (5 m)
Supply current (maximum)	23 A
Supply current (effective)	21 A
Idle power	25 W
Power factor at max. current	0.85
No-load voltage (peak)	U <sub>0</sub> = 80 V - 98 V
Open circuit voltage (average)	85 V -103 V
Efficiency (100 % duty cycle)	87 %

**A7 Power Source 350**

Minimum short circuit power Ssc of supply network	5.5 MVA
Max apparent power	22 kVA
Power supply for cooling unit	24 V DC / 50 VA
Power supply for auxiliary unit	50 V DC / 100 W
External dimensions LxWxH	610 × 240 × 520 mm
Weight (no accessories)	40.2 kg
Degree of protection	IP23S
Weight (with connection cable)	42.6 kg
EMC class	A
Operating temperature range	-20 ... +40 °C
Storage temperature range	-40 ... +60 °C
Temperature class	155 (F)