

Highest performance for the welding of steel, stainless steel and aluminium

- High speed welding at thin stainless steel sheets
- Unique viewing of the welding seams through OTC aluminium-welding characteristics
- High speed-pulse mode
- Increased gap bridge-ability
- Low spatter: Maximum spatter reduction for the whole current range: reduction of the spatter up to 80 %

Type	P 500 L
Number of phases	3
Rated frequency	50 / 60 Hz
Rated input voltage	400 V
Input voltage range	400 V ± 15 %
Rated input	25 kVA, 22,9 kW
Rated input current	36 A
Rated output current	500 A (DC) / 400 A (Pulse)
Rated load voltage	39 V (DC) / 34 V (Pulse)
Rated output current	30–500 A
Rated output voltage range	12–45 V
Maximum no-load voltage	80 V
Rated duty cycle	60 % (DC) / 80 % (Pulse)
Degree of protection	IP 23
Switching steps	without steps
Number of welding conditions	100
Operating temperature range	-10–+40 °C
Operating humidity range	50 % (40 °C), 90 % (20 °C)
Storage temperature range	-20 °C–+55 °C
Storage humidity range	50 % (40 °C), 90 % (20 °C)
Dimensions D x W x H	710 x 395 x 762 mm (without eyebolt)
Mass	83 kg
Static characteristic	Constant voltage characteristics

