

Specifications

Input voltages	230-400 V, 3-PH, 50/60 Hz 400 V, 3-PH, 50/60 Hz
Kilowatt output	16,8 kW
Input current @ 16,8 kW	230/400 V, 3-PH, 50/29 A
Output current	30-105 A
Rated output voltage	160 VDC
Duty cycle @ 40° C	230-400 V 70% @ 105 A, 230 V 3-PH 80% @ 105 A, 400 V, 3-PH 100% @ 94 A, 400 V, 3-PH 100% @ 88 A, 230 V, 3-PH 400 V 80% @ 105 A, 400 V, 3-PH 100% @ 94 A, 400 V, 3-PH
Open circuit voltage (OCV)	230-400 V 288 VDC 400 V 292 VDC
Dimensions with handles	592 mm D; 274 mm W; 508 mm H
Weight w/7,6 m torch	45 kg (230-400 V) 41 kg (400 V)
Gas supply	Clean, dry, oil-free air or nitrogen
Recommended gas inlet flow rate/pressure	Cutting: 217 l/m @ 5,9 bar Gouging: 227 l/m @ 4,8 bar
Input power cable length	3 m
Power supply type	Inverter - IGBT
Engine drive requirement	30 kW for full 105 A output
Certifications	CE, C-Tick, CU/GOST, Ukr, and Serbian — for use in Europe, Australia, Belarus, Kazakhstan, Russia, Serbia, Ukraine, and other countries where accepted.
Warranty	Power supplies have a 3-year warranty and torches a 1-year warranty



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