



OTC DP 400 – Technical Specifications & Applications

Applications

The OTC DP 400 is an inverter-based MIG/MAG welding power source designed for professional industrial applications. The machine is suitable for welding carbon steel, stainless steel and aluminium in fabrication workshops, production environments and maintenance operations. Thanks to its digital control and pulse capability, the DP 400 provides controlled metal transfer and stable arc characteristics, making it suitable for medium to heavy-duty welding tasks.

Technical Specifications

Manufacturer	OTC Daihen Corporation
Country of origin	Japan
Model	DP 400
Welding process	MIG / MAG (Pulse)
Suitable materials	Carbon steel, Stainless steel, Aluminium
Output current range	Approx. 30 – 400 A
Duty cycle 60%	400 A
Duty cycle 100%	300 A
Output voltage range	Approx. 14 – 36 V
Open circuit voltage (U ₀)	Approx. 70 V
Voltage regulation	Stepless (inverter-controlled)
Control type	Digital pulse control
Cooling	Air or external water cooling (depending on configuration)
Mains supply	3×400 V / 50–60 Hz
Maximum power input	Approx. 18–20 kVA
Protection class	IP23

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