



Inverter-Capacitor Charging Technology

Maximum welding rates
Minimum energy consumption
Minimum weight
Maximum efficiency

Pegasar 500 accu

Battery-powered stud welding unit

For CD stud welding (capacitor discharge welding/contact welding) according to current standards

Technical Data

Welding range	Studs (steel) M3 to M6, Studs (aluminium) M3 to M4
Welding material	Mild steel, stainless steel, aluminium
Welding rate	M3 = 40 studs/min. (Charging voltage 55 V) M6 = 20 studs/min. (Charging voltage 95 V)
Sheet thickness workpiece	From 0.5 mm
Capacitance	100 000 µF
Welding time	1 to 3 ms
Energy	500 Ws
Charging voltage	50 to 100 V (stepless voltage regulation)
Primary power	100 V to 240 V, 50/60 Hz, 10 AT, in battery operation: 25.55 V
Ground cable	2.5 m, 25 mm ² , 1 vice grip 10" (not possible to extend), (not included in delivery)
Battery	25.55 V / 5.7 Ah / 145.64 Wh (LiNiCoAlO ₂) (not included in delivery)
Number of weldings per battery charge	400 welds M6
Battery charging time	Max. 2.5 h
Battery operating time	At least 400 charging cycles (at 800 charging cycles still approx. 60 % of the initial capacity)
Power source	Capacitor
Cooling type	F (temperature controlled cooling fan)
IP Code	With inserted battery: IP 44, without battery: IP 23
Dimension L x W x H	475 x 300 x 355 mm (with handle)
Weight	12 kg incl. battery, 10.7 kg without battery
Suitable stud welding gun	C 06-3, welding cable length 3 m (not possible to extend), (not included in delivery)
Order No	92-10-0500 (Pegasar 500 accu) 88-23-484 (Accu 150 – battery) 88-23-661 (ACCU CHARGER 150 – charging unit for battery type Accu 150) 92-40-154 (Ground cable) 92-20-275 (C 06-3 – stud welding gun) 92-40-050 (Accessories up to 6 mm – chucks M3 to M6, socket wrench)