

Pegasar 500 accu

- ▲ Welding range 3 – 6 mm
- ▲ Capacitance 100.000 µF
- ▲ Welding time 1-3 ms
- ▲ Battery powered
- ▲ Portable and light weight

Pegasar 500 accu insulation

- ▲ Cupped head pins
- ▲ CD insulation pins
- ▲ Capacitance 100.000 µF
- ▲ Battery powered
- ▲ Portable and light weight



Welding process	Capacitor Discharge stud welding (CD)	Capacitor Discharge stud welding (CD)
Welding materials	Mild steel, Stainless steel, Aluminium	Mild steel, Stainless steel, Aluminium
Technology	Inverter-Capacitor Charging Technology	Inverter-Capacitor Charging Technology
Welding range	Studs (steel) M3 to M6 / #4 to 1/4" Studs (aluminium) M3 to M4 / #4 to #8	Cupped head pins dia. 2 und 2.7 mm CD ISO nails dia. 2 and 3 mm
Welding rate	M3 / #4 = 40 studs/min. (voltage 55 V), M6 / 1/4" = 20 studs/min. (voltage 95 V)	Cupped head pin: dia. 2.7 mm = 20 pins/min. (voltage 85 V) CD ISO nail: dia. 3 mm = 20 nails/min. (voltage 90 V)
Count of weldings per battery	400 welds (M6 / 1/4")	400 welds (cupped head pin 2.7 mm)
Capacitance	100.000 µF	100.000 µF
Welding time	1 to 3 ms	1 to 3 ms
Energy	500 Ws	500 Ws
Charging voltage	50 to 100 V (stepless voltage regulation)	50 to 100 V (stepless voltage regulation)
Power source	Capacitor	Capacitor
Battery	25.55 V / 5.7Ah / 145.64 Wh (LiNiCoAlO2)	25.55 V / 5.7Ah / 145.64 Wh (LiNiCoAlO2)
Battery charging time	Max. 2.5 h	Max. 2.5 h
Battery life	At least 400 charging cycles (at 800 charging cycles still approx. 60 % of the initial capacity)	At least 400 charging cycles (at 800 charging cycles still approx. 60 % of the initial capacity)
IP Code	With inserted battery: IP 44, without battery: IP 23	With inserted battery: IP 44, without battery: IP 23
Dimension LxWxH (without handle)	475 x 300 x 355 mm /18.70" x 11.81" x 13.98" (with handle)	475 x 300 x 355 mm /18.70" x 11.81" x 13.98" (with handle)
Weight	12.0 kg / 26.46 lbs incl. battery, 10.7 kg / 23.59 lbs without battery	12.0 kg / 26.46 lbs incl. battery, 10.7 kg / 23.59 lbs without battery
Primary power	100 V to 240 V, 50/60 Hz, 10 AT (slow blow); in battery operation: 25.55 V	100 V to 240 V, 50/60 Hz, 10 AT (slow blow); in battery operation: 25.55 V
Connected load	500 W	500 W
Cooling type	F (temperature controlled cooling fan)	F (temperature controlled cooling fan)
Suitable guns	C 06-3	CI 03, C 06-3