

DURALLOY®

**1 YEAR
WARRANTY***

180DS STICK & TIG WELDER

The Duralloy 180DS is a compact, lightweight MMA inverter welder built for portability without compromising performance. Ideal for general fabrication, site work and farm maintenance, it delivers a smooth arc, can run off a generator, and also offers DC Lift TIG capability for added versatility.



- Duty cycle: 80A @ 100%
- 180A Output
- Portable & lightweight: 3.2kg
- 240V $\pm 10\%$, Single Phase – 15A Plug

Inverter Technology

MMA (Stick) Welding

Lift TIG Function

- ✓ 180A MMA (Stick) welding output
- ✓ 240V $\pm 10\%$, Single Phase (15A Plug)
- ✓ Pulse MMA
- ✓ Pulse DC TIG
- ✓ TIG Down Slope timer
- ✓ VRD (Voltage Reduction Device)
- ✓ Generator compatible (10kVA)
- ✓ Digital meter with variable amperage control
- ✓ Lift TIG function (with optional torch and regulator)
- ✓ Built-in thermal, voltage and current protection



PRODUCT CODE: DA180DS



TECHNICAL SNAPSHOT

- Output Range: 10 – 180A
- Input Power: 240V $\pm 10\%$, Single Phase
- Plug: 15A
- Input Power: 5.8 kW
- Input Current: 15A / 34A
- No Load Voltage: 84V
- Duty Cycle (40°C):
 - 180A @ 20%
 - 104A @ 60%
 - 80A @ 100%
- Efficiency: $\geq 85\%$
- Power Factor: 0.76
- Protection Class: IP21S
- Insulation Class: F
- Cooling: Auto Fan
- Electrode Size: $\varnothing 1.6 - \varnothing 4.0$ mm
- Dimensions: 265 x 120 x 218 mm

WHAT'S INCLUDED

- Power Source
- MMA Arc Lead & Holder
- Owner's Manual
- MMA Earth Lead & Clamp
- Carry Case

1 Year Warranty – Power Source. Consumables not covered. Subject to terms in Owner's Manual.

OPTIONAL EXTRAS

- DA17FV38-2B TIG Torch
- IO-1451 Argon Regulator