

CIGWELD

AN ESAB BRAND



100+
YEARS OF
WELDING
INNOVATION

BLUE VENOM

XF230⁶

6-in-1 MULTIPROCESS WELDER



LEVEL UP EVERY WELD... DOMINATE EVERY JOB.

THE ULTIMATE WELDING MACHINE!

The **BlueVenom XF230⁶ SiC** sets a new benchmark in welding performance. This 230 Amp multi-process powerhouse, driven by advanced **Silicon Carbide (SiC) Inverter** technology, provides precise, consistent results across a wide range of materials and applications, empowering professionals to tackle any welding challenge with confidence.

Exceptional versatility enables seamless transitions from routine mild steel fabrication to high-precision AC TIG showcase welds, powered by six intuitive operating modes: **MIG, Single Pulse MIG, Double Pulse MIG, HF DC TIG, HF AC TIG, and Stick**. With further advanced modes featuring **Mixed AC+DC TIG, Cold Weld TIG and Pulse** on both TIG and Stick

Powered by a standard **15A, single-phase 230V supply**, the BlueVenom XF230⁶ SiC is further enhanced with **Power Factor Correction (PFC)** technology, ensuring improved energy efficiency and stable performance, even when operating with extended cable lengths.

Boasting an **IP23S** rating, the BlueVenom XF230⁶ SiC is protected against small debris and light rain, ready for use in industrial and outdoor environments.

CIGWELD Info Sheet **BlueVenom XF230⁶ SiC V1-2026**
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HANDLE ANYTHING AND EVERYTHING

The BlueVenom XF230⁶ SiC takes TIG welding up a notch, offering a wide selection of advanced TIG welding modes and control. Use AC TIG to weld aluminium with up to **9 different waveforms**. Combine the cleaning power of AC and the penetrating power of DC with Mixed AC+DC TIG mode to **weld thicker aluminium plates**. Select Cold TIG for ultra short pulses to **weld thin delicate plates**. The possibilities are endless with our most advanced welding range.

Developed with advanced **Silicon Carbide (SiC) Inverter** technology, the BlueVenom XF230⁶ SiC is engineered to handle your next project with confidence. It delivers superior efficiency in a compact, reliable design by minimizing power losses, enhancing arc stability, and optimizing thermal performance, resulting in smoother welds and an extended machine life.

POWERED BY:



CIGWELD

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FEATURE PACKED 6-in-1!

Fast, Precise, Unstoppable! Achieve TIG-like welds at MIG speed with MIG Single and Double Pulse, tackle bigger jobs, and master tricky angles with Pulse Stick technology. The BlueVenom 230⁶ SiC is your ultimate workhorse!

Need to weld aluminium? The BlueVenom XF230⁶ SiC is **Spool Gun and Push-Pull Gun ready**, granting you further reach and preventing birdnesting of softer aluminium wires.

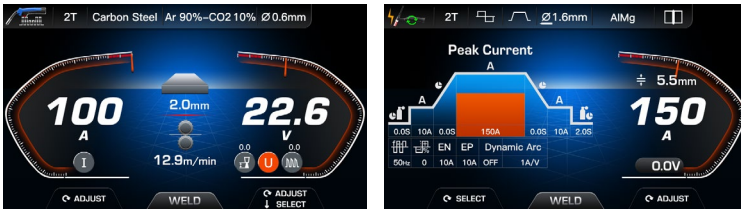
The NEXARC MIG gun range is interchangeable, allowing you to upgrade the included DGX36 to an OLED screen with a quick swap.

Memory

With an impressive **100x** memory bank, you can save and load job parameters instantly, enabling quick and seamless switching between jobs.

Intuitive Display

Powered by a **5" Full Colour Touch LCD** display, you can access all you need from the 1 screen, allowing you to spend more time welding and less time searching for settings.



WARRANTY PERIOD

We stand behind the quality of our products, which is why the BlueVenom XF230⁶ SiC comes with **5-Year Warranty***.

WHAT'S IN THE BOX:

- BlueVenom XF230⁶ SiC 6in1 Power Source
- NEXARC DGX 36, 3m MIG Gun with 4-Button Control, BZ36 Style
- Dimex Elite 26F, 4m 'Flex Head' TIG Torch with Trigger Button and Remote Current Control
- Fully Equipped with Fitted MIG Consumables, Spare Tip & TIG Kits
- 250A Twist lock Electrode Holder with 3m Lead
- 3m Quick Connect Gas Hose
- 250A Earth Clamp with 3m Lead
- BlueJet Regulator/Flowmeter
- Mild Steel & Nylon Liner, Inlet/Outlet Guides
- Feedrolls: 0.8/0.9mm (x2) Knurled (Fitted), 0.8/0.9mm V (x2), 1.0/1.2mm U (x2)
- Operating Manual

ORDERING DETAILS



BlueVenom
XF230⁶ SiC 6in1
P/N: W1400230

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*5-Year Warranty applies to power source only. See website for more details.

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TECHNICAL SPECIFICATIONS

Power Supply (Voltage):	Single Phase – 15A Plug 230V +/- 10%
Australian Standard:	AS 60974.1:2020
Nominal Supply Frequency:	50/60Hz
Supply Lead & Plug:	15 Amp
Minimum Generator Required:	9.5 kVA (0.8 Power Factor at Max Amps)
Amperage Range:	MIG: 30A – 230A TIG: 10A – 230A STICK: 10A – 200A
MIG Duty Cycle @ 40°	230A @ 22%, 25.5V
TIG Duty Cycle @ 40°	230A @ 35%, 19.2V
STICK Duty Cycle @ 40°	200A @ 25%, 28.0V
Voltage Reduction Device VRD:	Yes, on Stick Mode (<35V)
Weight (Power Source):	21.9kg
Weight (Package):	34.7kg
Dimensions (Power Source) – L x W x H:	650mm x 220mm x 410mm
Dimensions (Package) – L x W x H:	720mm x 380mm x 490mm
Wire Spool Size(s):	1kg (100mm), 5kg (200mm)
Spool Gun Compatible:	Yes, MIG MAN/SYN modes only
Push-Pull Gun Compatible:	Yes, all MIG modes
Protection Class:	IP23S

BLUE VENOM

XF230⁶

SiC

SILICON CARBIDE INVERTER



5+6 MONTHS
EXTENDED WARRANTY
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