THE PARWELD MMA RANGE

XTS

PORTABLE POWER. MMA + LIFT TIG.

Compact DC inverters for workshop and site maintenance.

160-200A ACROSS THE RANGE



Portable MMA. Lift TIG Capability.

Hot Start and Arc Force assist electrode starting and short-arc work. Choose 230V or dual voltage, then match electrode size, output and workload to the job.



XTS 163

230V / 160A / 4.7kg

See Page 2



XTS 163DV

110/230V / up to 160A

See Page 3



XTS 166RC

110/230V / remote option

See Page 4



XTS 204

230V / 200A / 4.8kg

See Page 5

R H DAVEY WELDING SUPPLIES LTD

023 8033 9443 / sales@rhdaveywelding.co.uk / rhdaveywelding.co.uk

67-69 Quayside Road, Southampton, Hampshire SO18 1AE

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XTS 163

Compact 230V Workshop MMA

A 4.7kg inverter for routine fabrication, maintenance and repair. Hot Start helps establish the arc; Arc Force supports the arc as the electrode approaches the work.



Use For

Workshop maintenance, light steel fabrication and repairs with electrodes up to 3.2mm.

160A at 25% | 3.2mm electrodes | 4.7kg

Specification	Value
Supply	230V single-phase
Output Range	5-160A DC
Minimum Fuse	16A
Input Current (Effective)	15.9A
No-Load Voltage	45V
Power Rating	8kVA
Recommended Generator	10kVA with AVC
Dimensions (L × W × H)	285 × 120 × 250mm
Protection / Connections	IP23S / 35-50 twist-lock

Carry The Machine To The Job

The small steel case and low weight make the XTS 163 easy to move between benches or out to a repair. A digital amperage display helps repeat a previous setting.

Technical Specifications And Package Information

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XTS 163DV

Dual-Voltage Portability

Automatic supply switching allows the same compact inverter to work from 110V or 230V. Output is matched to the available supply, with up to 140A on 110V and 160A on 230V.

Use For

Site maintenance and mobile repair where access to 110V and 230V varies between jobs.



160A at 25% (230V) | 3.2mm electrodes | 4.8kg

Specification	Value
Supply	110/230V single-phase
Output Range	5-140A at 110V / 5-160A at 230V
Minimum Fuse	32A at 110V / 16A at 230V
Input Current (Effective)	17A at 110V / 15.5A at 230V
No-Load Voltage	50V
Power Rating	8kVA
Recommended Generator	10kVA with AVC
Dimensions (L × W × H)	285 × 120 × 250mm
Protection / Connections	IP23S / 35-50 twist-lock

One Welder For Site And Workshop

Dual voltage avoids carrying separate site and workshop machines. Match electrode diameter and welding current to the output available on the connected supply.

Technical Specifications And Package Information

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XTS 166RC

Site Welding With Remote Control Option

A professional dual-voltage inverter with PFC, an 81V open-circuit voltage and support for rutile and cellulosic electrodes. A remote current pendant is available for work away from the machine.



Use For

Site fabrication and repair requiring cellulosic electrode capability or current adjustment at the work.

160A at 40% (230V) | 3.2mm electrodes | 7.0kg

Specification	Value
Supply	110/230V single-phase
Output Range	10-125A at 110V / 10-160A at 230V
Minimum Fuse	32A at 110V / 16A at 230V
Input Current (Effective)	14A at 230V
No-Load Voltage	81V
Power Rating	5.6kVA
Recommended Generator	7kVA with AVC
Dimensions (L × W × H)	375 × 140 × 245mm
Protection / Connections	IP23S / 35-50 twist-lock

Adjust Current Where You Are Working

Add the RC10-5 pendant with its 5m lead when the machine cannot be kept within reach. Remote control is an optional accessory; specify it separately when ordering.

Technical Specifications And Package Information

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XTS 204

200A Output In A Portable Format

The 230V XTS 204 increases the range to 200A and electrodes up to 4.0mm while keeping machine weight at 4.8kg. Hot Start, Arc Force and a digital display simplify everyday MMA setup.



Use For

Steel fabrication and maintenance needing larger electrodes and more output from a compact inverter.

200A at 25% | 4.0mm electrodes | 4.8kg

Specification	Value
Supply	230V single-phase
Output Range	10-200A DC
Minimum Fuse	32A
Input Current (Effective)	20A
No-Load Voltage	50V
Power Rating	10.2kVA
Recommended Generator	13kVA with AVC
Dimensions (L × W × H)	285 × 120 × 250mm
Protection / Connections	IP23S / 35-50 twist-lock

More Electrode Capacity, Less To Carry

The 4.0mm electrode capacity suits work requiring more deposition than the 3.2mm models. Provide the specified 32A supply to access the machine's full output.

Technical Specifications And Package Information

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Order The Right Package

Start with the machine and MMA leads, or choose a P1 package with a WP17V TIG torch.

Stock Code	Package
XTS163	MMA inverter with electrode holder and 3m work-return lead
XTS163-P1	As above, plus WP17V TIG torch package
XTS163DV	MMA inverter with electrode holder and 3m work-return lead
XTS163DV-P1	As above, plus WP17V TIG torch package
XTS166RC	MMA inverter with electrode holder and 3m work-return lead
XTS166RC-P1	As above, plus WP17V TIG torch package
XTS204	MMA inverter with electrode holder and 3m work-return lead
XTS204-P1	As above, plus WP17V TIG torch package

Lift TIG For Steel And Stainless Steel

The optional valve torch gives gas control at the torch. Lift TIG starts the arc by touching and lifting the tungsten; these are DC machines. Use a suitable shielding-gas supply, regulator, tungsten and filler for the material.

Stock Code	Accessory
WP17V-12-2IX	WP17V valve TIG torch, 12.5ft
CKE203i	Electrode holder cable kit, 3m
CKC203i	Work-return clamp cable kit, 3m
700123	Single-stage, two-gauge argon regulator
WP17AK	WP17 TIG consumable spares kit
RC10-5	5m remote current pendant for XTS 166RC
XTICCS	Small carry case for XTS 163 / 163DV
XTICC	Carry case for XTS 166RC
XTICCL	Large carry case for XTS 204
TR005	Optional machine trolley

Machine Packages And Accessories

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Match The Machine To The Job

Check the actual supply, required electrode size and welding workload before choosing.

Model	Supply	Maximum Output	Electrode	Weight
XTS 163	230V	160A DC	3.2mm	4.7kg
XTS 163DV	110/230V	140A at 110V / 160A at 230V	3.2mm	4.8kg
XTS 166RC	110/230V	125A at 110V / 160A at 230V	3.2mm	7.0kg
XTS 204	230V	200A DC	4.0mm	4.8kg

Hot Start & Arc Force

Hot Start briefly boosts current when striking. Arc Force responds as arc voltage falls, helping the electrode avoid sticking during short-arc work. These features assist technique; the electrode still needs the correct polarity and current.

Duty Cycle Matters

At the stated maximum output, 25% duty cycle allows 2.5 minutes of welding in a ten-minute period; 40% allows four minutes. The remainder is cooling time under the rated test conditions. Select for the work rate as well as the headline amperage.

Generator And Supply Selection

Parweld recommends 10kVA for XTS 163 and 163DV, 7kVA for XTS 166RC and 13kVA for XTS 204. The generator must have automatic voltage control (AVC). Check site distribution and cable sizing with a competent electrician.

Get A Complete Working Package

Tell R H Davey your supply voltage, electrode type and diameter, typical material thickness and whether TIG or remote adjustment is required. We can match the machine, leads, torch and PPE to the job.

Parweld XTS Range Information

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