

Blue-Thunder[®] Series



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**SMAW Arc Welding
Power Source**



Quick Specs

Industrial Applications

Mining fabrication
Structural Fabrication
Trailer Fabrication
Container Repairs
Maintenance Repair

Process

STICK (SMAW)
Scratch TIG (GTAW)

Input Power

253/403: 3 Phase, 230/380-400 VAC 50Hz
343/443: 3 Phase, 230/380-400/520 VAC
50Hz

Rated Output

253: 220Amps at 29 VDC, 35% Duty Cycle
343: 320Amps at 33 VDC, 35% Duty Cycle
403: 400Amps at 36 VDC, 35% Duty Cycle
443: 420Amps at 37 VDC, 45% Duty Cycle

Weight

253 Net: 80.0 Kg	Ship: 86.0 Kg
343 Net: 105.0 Kg	Ship: 111.0 Kg
403 Net: 115.0 Kg	Ship: 121.0 Kg
443 Net: 175.0 Kg	Ship: 181.0 Kg



The Power of Blue.

Lifting Eyelets

Provide a safe means of lifting the power source

Fan cooled design

Provides efficient cooling in the most demanding environments

Industrial Rated Components & Construction designed to provide long lasting, trouble free performance.

NEW! Industrial Running Gear, design for a variety of terrain. New rubber tyres provide smooth and easy manoeuvrability.

Superior performance arc control technology provides the operator with a smooth, low spatter class leading arc suitable for a wide variety of applications.



Industrial SMAW System with:

Large, welding parameter display
EZ-Set, amperage control
Electrode diameter guide
Lifting eyelets
H/Duty Running gear
Handle/cable carrier
Robust, reliable construction

NEW! Easy-To-Use User Interface

Allows the operator to select the correct welding amperage range to suit the desired electrode.

NEW! Ergonomic Design

Angled controls & low friction rack system make reading and adjustment of welding current easier.

Quick Connect Weld Terminals

provides simple and convenient & robust connection of weld cables.



Power source is warranted for 3 years, parts & labour.
Original main power rectifier parts are warranted for 5 years.



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Specifications (Subject to change without notice)



Model	Rated Output @ 35% Duty cycle	Max. OCV	Amperage Range	Amps Input at rated output, 50 Hz 230/380-400VAC	Amps Input at rated output, 50 Hz 380/520VAC	Dimensions (mm) L x W x H
253	220A/29VDC	59-66VDC	30-220	36/21 Amps		980 x 410 x 650
343	320A/33VDC	56-68VDC	50-320	55/32 Amps	32/23 Amps	980 x 410 x 650
403	400A/36VDC	66-73VDC	60-400	73/42 Amps		980 x 410 x 650
443	420A/37VDC (@45%)	70-78VDC	60-420	80/47 Amps	47/34 Amps	1150 x 520 x 730

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
Blue-Thunder® 253	029016230	230/400VAC 3 Phase, 50 Hz		
Blue-Thunder® 343	029016232	230/400VAC 3 Phase, 50 Hz		
Blue-Thunder® 343	029016233	380/520VAC 3 Phase, 50 Hz		
Blue-Thunder® 403	029016234	230/400VAC 3 Phase, 50 Hz		
Blue-Thunder® 443	029016236	230/400VAC 3 Phase, 50 Hz,		
Blue-Thunder® 443	029016237	380/520-VAC 3 Phase, 50 Hz		
Accessories				

Total Price Quoted:



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