



ASTON ELECTRIC

**XL GENERATOR  
RANGE**





## ANY SPEC ANY SITE ANY CONDITIONS

Aston Electric generators can be fitted with a range of options to suit any site or regulatory requirement.

- ▶ FULLY BUNDED FORK POCKET SKID BASES
- ▶ ELECTRICAL OUTLETS
- ▶ ELECTRICAL PROTECTION
- ▶ BATTERY ISOLATOR
- ▶ EXTERNAL FUEL CONNECTIONS
- ▶ EMERGENCY STOP
- ▶ CENTRE LIFT POINT
- ▶ LOCKABLE CABINET & CONTROL PANEL
- ▶ AUTO START & PARALLELING OPTIONS AVAILABLE
- ▶ FIRE EXTINGUISHER
- ▶ EARTH STAKE

# THE WORLDS TOUGHEST



In an industry where generator manufacturers are looking to cut costs by reducing quality, Aston Electric is breaking the mould with an ironclad commitment to delivering genuine value.

Built specifically for heavy duty prime power applications, Aston Electric combines the efficiency and reliability of Japanese engine and alternator technology with a canopy and skid design developed in the harshest environments on earth. By employing worlds best practice manufacturing techniques, Aston Electric has achieved a perfect balance of safety, reliability and overall cost of life market leadership.

Major sites and fleet owners specify Aston Electric because they realise the true cost of electricity lies in fuel consumption and reliability of supply. Aston Electric machines cannot be beaten for fuel and servicing costs and their reliability and long operating life has been proven over three decades in the worlds harshest operating conditions.







## THE WORLD'S QUIETEST GENERATOR

Aston Electrics patented sound suppression technology delivers market leading noise levels as low as 50dBA @ 7m. Engineered specifically for sound sensitive applications, Aston Electric is the product of choice for sites where noise pollution reduction is a priority.



SUPER DUTY DESIGN



CERTIFIED LIFTING POINTS



EASY ACCESS FOR SERVICING



FUEL CONNECTION AND DRAIN POINTS



## MARKET LEADING FUEL EFFICIENCY

Many end users overlook the fact that over 90% of the cost of buying or renting a generator is fuel consumption. Even incremental savings in fuel burn translates into cost saving benefits that often outweigh the total capital or rental cost. Aston Electric offers unrivalled fuel efficiency.



## TRUE COST OF LIFE VALUE 10 YEAR+ OPERATING LIFE

From cradle to grave, Aston Electric delivers the best overall cost of life performance of any generator product to fleet owners. From fuel efficiency and service cost benefits to quite literally the worlds highest realised resale value, Aston Electric is the worlds best value generator product.



## SIMPLE, ROBUST, RELIABLE

Aston Electric generators have been operating world wide in the harshest climatic conditions for over 30 years. Their simple, efficient and reliable design has made the Aston Electric range the product of choice for many of the worlds largest construction, mining, oil and gas, rental and Government organisations.



## SAFETY

With large fleets of Aston Electric generators operating on mine, construction and Government sites, safety standards have become a priority in the design and development of the product. Aston Electrics commitment to complying with the worlds toughest safety standards is a key pillar that underpins the rapid growth of the product in the worlds toughest regulatory environments.



ASTON ELECTRIC SPEC SHEET

GENERATOR RANGE XL SERIES

XL SERIES	XL 13-KU		XL 25-KU		XL 45-KU		XL 60-IS		XL 100-IS		XL 125-HI		XL 150-HI	
GENERATOR														
FREQUENCY (HZ)	50	60	50	60	50	60	50	60	50	60	50	60	50	60
RATED OUTPUT (kVA)	10.5	13	20	25	37	45	50	60	80	100	100	125	125	150
VOLTAGE (V)	50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440 (Dual Voltage)													
POWER FACTOR (%)	80													
CLASS OR RATING	Continuous													
EXCITING METHOD	Brushless (with A.V.R)													
No. OF PHASES	3-Phase, 4-Wire													
DIESEL ENGINE														
MAKE AND MODEL	Kubota D1503-K3A		Kubota V2403-K3A		Kubota V3800-DI-K2B		Isuzu BB-4BG1T		Isuzu BB-6BG1T		Hino J08C-UP		Hino J08C-UD	
No. OF CYLINDER	3		4		4		4		4		4		6	
TYPE - 4 CYCLE WATER LED	Swirl Chamber				Direct Injection.Turbo charged				Direct Injection.Turbo charged,Intercooled					
TOTAL DISPLACEMENT (L)	1.499		2.434		3.769		4.329		6.494		7.961		7.961	
RELATED OUTPUT PS KW)	15.6 [11.5]	18.6 [13.7]	26 [19.1]	32 [23.7]	51.7 [38.0]	62 [45.6]	65.4 [48.1]	78 [57.4]	100 [73.6]	124 [91.2]	131 [96.3]	153 [112.7]	160 [118]	190 [140]
SPEED (RPM)	1500													
FUEL	Diesel Fuel Oil													
FUEL TANK CAPACITY (L)	58		70		100		135		225		250		250	
FUEL CONSUMPTION (L/HR) 50/75% LOAD	1.8/ 2.4	2.2/ 3.0	3.0/ 4.0	3.8/ 5.0	4.4/ 6.4	5.5/ 8.0	6.0/ 8.6	7.5/ 10.5	10.2/ 14.5	13.2/ 19.0	11.5/ 16.4	15.3/ 21.0	14.7/ 19.4	17.7/ 24.3
LUBRICATING OIL CAPACITY (L)	6.5		9.5		13.2		14		18		24.5		24.5	
COOLING WATER CAPACITY (L)	5.7		7.0		11		15		24		22		22	
BATTERY CAPACITY 5HRs (Ah)	80D26R(55) x1		80D26R(55) x1		80D26R(55) x1		80D26R(55) x1		95D31R(64) x2		95D31R(64) x2		95D31R(64) x2	
DIMENSIONS & WEIGHT														
OVERALL LENGTH (MM)	1,480		1,550		1,870		2,090		2,600		2,990		2,990	
OVERALL WIDTH (MM)	650		700		860		860		1,000		1,180		1,180	
OVERALL HEIGHT (MM)	950		980		1,220		1,220		1,400		1,480		1,480	
NET DRY MASS	520		610		900		1,120		1,640		2,050		2,180	
OPERATING MASS	580		680		1,010		1,260		1,870		2,300		3,430	
SOUND LEVEL														
IN DECIBELS (dB)	83		90		87		90		91		92		94	
PRESSURE LEVEL *1 (dB/A)	56	57	59	63	57	60	59	63	61	64	63	65	63	66

XL SERIES	XL 220-MU		XL 300-KO		XL 400-KO		XL 500-KO		XL 610-KO	
GENERATOR										
FREQUENCY (HZ)	50	60	50	60	50	60	50	60	50	60
RATED OUTPUT (kVA)	200	220	270	300	350	400	450	500	555	610
VOLTAGE (V)	50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440 (Dual Voltage)									
POWER FACTOR (%)	80									
CLASS OR RATING	Continious									
EXCITING METHOD	Brushless (with A.V.R)									
No. OF PHASES	3-Phase, 4-Wire									
DIESEL ENGINE										
MAKE AND MODEL	Mitsubishi 6D24-TLE2B		Komatsu SAA6D125E-2-B		Komatsu SA6D140E-3-A		Komatsu SAA6D140E-3-B		Komatsu SA6D170-A-1	
No. OF CYLINDER	6									
TYPE - 4 CYCLE WATER LED	Direct Injection.Turbo charged,Intercooled									
TOTAL DISPLACEMENT (L)	11.94		11.04		15.24		15.24		23.15	
RELATED OUTPUT PS KW)	246 (181)	270 (199)	315 (232)	349 (257)	421 (310)	485 (357)	519 (382)	581 (427)	669 (485)	763 (561)
SPEED (RPM)	1500									
FUEL	Diesel Fuel Oil									
FUEL TANK CAPACITY (L)	390		490		490		490		490	
FUEL CONSUMPTION (L/HR) 50/75% LOAD	22.5/ 31.8	26.2/ 36.3	30.0/ 43.1	34.3/ 50.6	39.7/ 56.6	46.7/ 65.3	48.4/ 69.2	55.3/ 78.3	61.8/ 87.5	71.7/ 101.2
LUBRICATING OIL CAPACITY (L)	37		62		79		91.5		119	
COOLING WATER CAPACITY (L)	39		43.5		69		91.5		141	
BATTERY CAPACITY 5HRs (Ah)	170F51(120)x 2		170F51(120)x2		225H52(176)x2		225H52(176) x2		225H52(176) x2	
DIMENSIONS & WEIGHT										
OVERALL LENGTH (MM)	3,700		3,900		4,150		4,550		4,650	
OVERALL WIDTH (MM)	1,300		1,400		1,400		1,600		1,600	
OVERALL HEIGHT (MM)	1,670		1,760		2,040		2,090		2,350	
NET DRY MASS	3,240		3,790		5,120 [5,050]		6,170		7,320	
OPERATING MASS	3,630		4,290		5,670 [5,590]		6,750		7,960	
SOUND LEVEL										
IN DECIBELS (dB)	94		98		99		99		102	
PRESSURE LEVEL *1 (dB/A)	65	65	66	69	67	70	67	70	69	72



## AUSTRALIA WIDE

CAIRNS | MORANBAH | SUNSHINE COAST  
BRISBANE | GOLD COAST | NEWCASTLE  
SYDNEY | MELBOURNE | ADELAIDE  
PERTH | PT HEDLAND

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