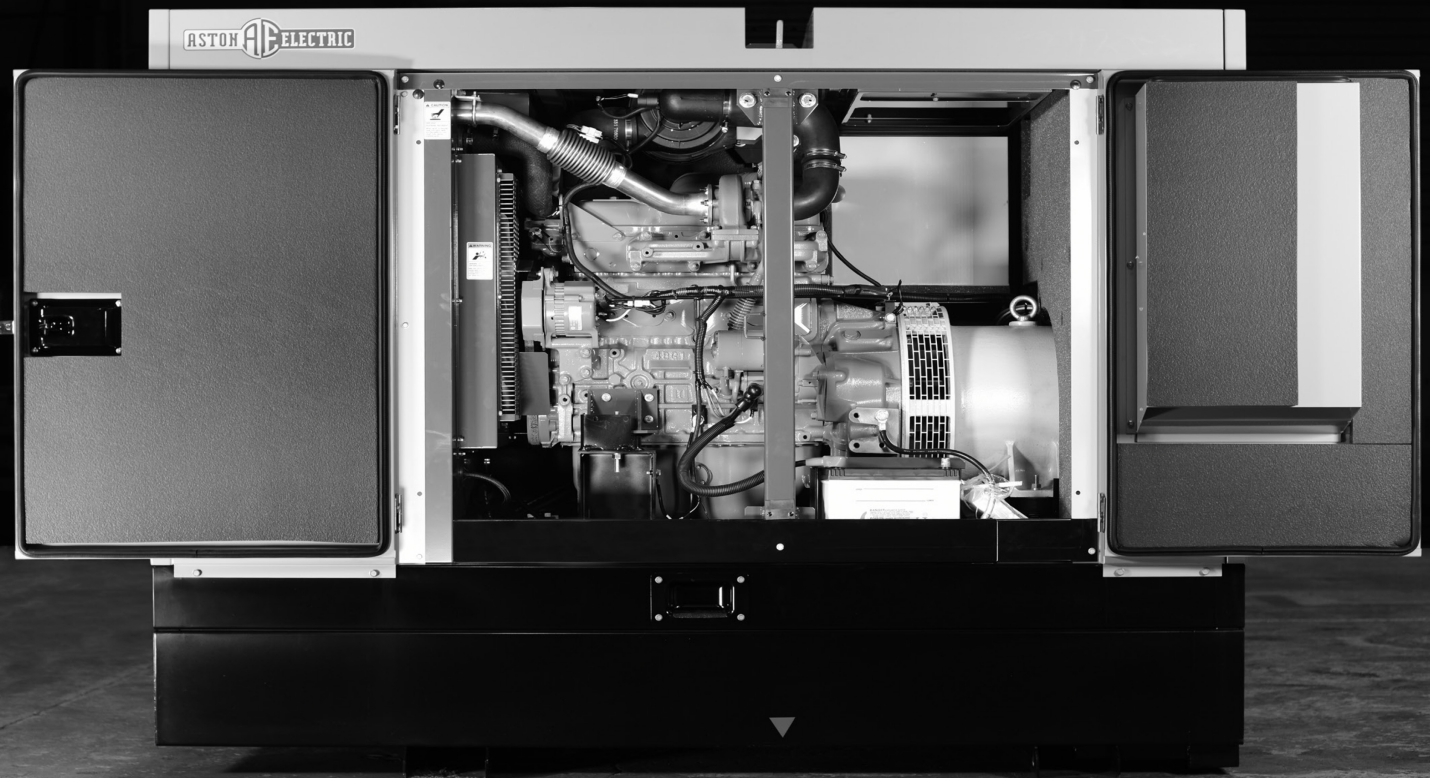


ASTON ELECTRIC

FOR SERIOUS FLEET OWNERS



Technical Specifications

FOR SERIOUS FLEET OWNERS

In the tradition of Japanese-Australian collaboration in manufacturing, Aston Electric generators have been designed with harsh Australian conditions in mind. Specifically built for mobile fleet use, Aston Electric is the reliable, high ROI generator of choice for fleet owners in rental, construction, mining, and industrial applications. Fuel efficient, compact, and silent, Aston Electric offers the best cradle to grave value of any generator on the market, for serious fleet owners.



ASTON ELECTRIC

Tough and Reliable

- Built specifically for harsh conditions
- Japanese manufacturing excellence
- Best cost of life ROI on the market
- Electro plated finish and anti-rain penetration

Efficient and clean

- Fuel efficient Japanese engines
- High load start tolerance
- High light load tolerance
- Dual Voltage/Dual Frequency as standard

Operator Friendly

- World class noise suppression
- Single side engine maintenance
- Easy access to cooling system
- Simple, low maintenance control system

Safe and Compact

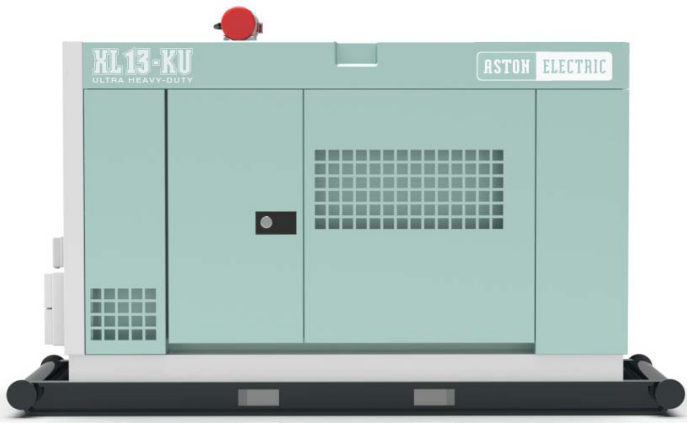
- Fully AS compliant
- Small footprint
- Centre lift
- Fork pocket skid



XL

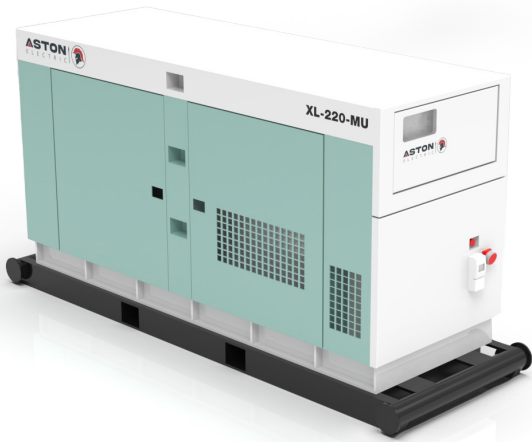
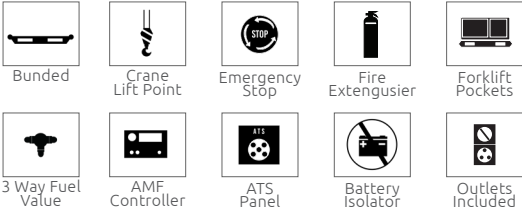
SERIES

For Serious Fleet Owners



The Worlds Best Generator

Available Features



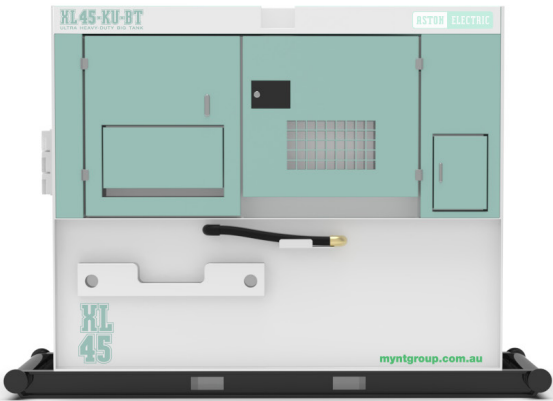
	XL 13-KU	XL 25-KU	XL 45-KU	XL 60-IS	XL 100-IS	XL 125-HI
Frequency (Hz)	50	50	50	50	50	50
Rated Output (kVA)	10.5	20	37	50	80	100
Voltage (V)	50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440(Dual Voltage)					
Power Factor (%)	80					
Class of rating	Continuous					
Exciting Method	Brushless (with A.V.R.)					
Make and Model	Kubota D1503DK3A	Kubota V2403D-K3A	Kubota V3800D-DIDTDK2B	Isuzu BBD4B-G1T	Isuzu DDD6B-G1T	Hino J08CDUP
No. of Cylinder	3	4	4	4	6	6
Type 4 (Cycle, Water Cooled)	Swirl Chamber	Direct Injection,Turbo charged				
Total Displacement (CU)	1.499	2.434	3.769	4.329	6.494	7.961
Rated Output PS(kW)	15.6 (11.5)	26 (19.1)	51.7 (38.0)	65.4 (48.1)	100 (73.6)	131 (96.3)
RPM	1,500	1,500	1,500	1,500	1,500	1,500
Fuel (L)	Diesel Fuel Oil					
Fuel Tank Capacity (L)	58	70	100	135	225	250
Fuel Consumption (50/75%Load)	1.9/2.4	3.0/4.0	4.4/6.4	6.0/8.6	10.2/14.5	11.5/16.4
Lublicating Oil Capacity (L)	6.5	9.5	13.2	14	18	24.5
Cooling Water Capacity (L)	5.7	7.0	11	15	24	22
Battery Capacity (5hrs)	80D26R(55)	80D26R(55)	80D26R(55)	80D26R(55)	95D31R(64)	95D31R(64)
Overall Length (mm)	1,940	2,010	2,330	2,550	3,060	3,450
Overall Width (mm)	750	800	960	960	1,100	1,285
Overall Height (mm)	1,100	1,140	1,380	1,380	1,560	1,640
Net Dry Mass (kg)	659	754	1,094	1,323	1,881	2,338
Operating Mass (kg)	719	824	1,204	1,463	2,111	2,718
Sound level (dBA)	56	59	57	59	61	63

	XL 150-HI	XL 220-MI	XL 300-KO	XL 400-KO	XL 500-KO	XL 610-KO
Frequency (Hz)	50	50	50	50	50	50
Rated Output (kVA)	125	200	270	350	450	555
Voltage (V)	50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440(Dual Voltage)					
Power Factor (%)	80					
Class of rating	Continuous					
Exciting Method	Brushless (with A.V.R.)					
Make and Model	Hino J08CDUD	Mitsubishi 6D24DT- LE2B	Komatsu SAA6D125ED2DB	Komatsu SA6D140ED3DB	Komatsu SAA6D140ED3DB	KOMATSU SA6D170-A-1
No. of Cylinder	6	6	6	6	6	6
Type 4 (Cycle, Water Cooled)	Direct Injection,Turbo charged Intercooled			Direct Injection,Turbo charged	Direct Injection,Turbo charged Intercooled	
Total Displacement (CU)	7.961	11.94	11.04	15.24	15.24	23.15
Rated Output PS(kW)	160(118)	246(181)	315(232)	421(310)	519(382)	669 (485)
RPM	1,500	1,500	1,500	1,500	1,500	1,500
Fuel (L)	Diesel Fuel Oil					
Fuel Tank Capacity (L)	250	390	490	490	490	490
Fuel Consumption (50/75%Load)	14.7/19.4	22.5/31.8	30.0/43.1	39.7/56.6	48.4/69.2	71.7 / 101.2
Lublicating Oil Capacity (L)	24.5	37	62	79	91.5	119
Cooling Water Capacity (L)	22	39	43.5	69	91.5	141
Battery Capacity (5hrs)	95D31R(64)	170F51(120)	170F51(120)	225H52(176)	225H52(176)	225H52(176) x2
Overall Length (mm)	3,450	4,160	4,360	4,610	5,010	5,110
Overall Width (mm)	1,285	1,400	1,500	1,500	1,700	1,810
Overall Height (mm)	1,640	1,830	1,920	2,200	2,250	2,615
Net Dry Mass (kg)	2,468	3,590	4,240	5,670	6,820	8,250
Operating Mass (kg)	2,718	3,980	4,740	6,220	7,400	8,890
Sound level (dBA)	63	64	66	67	69	69

BT

SERIES

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48

HOURS

Big Tank Big Autonomy

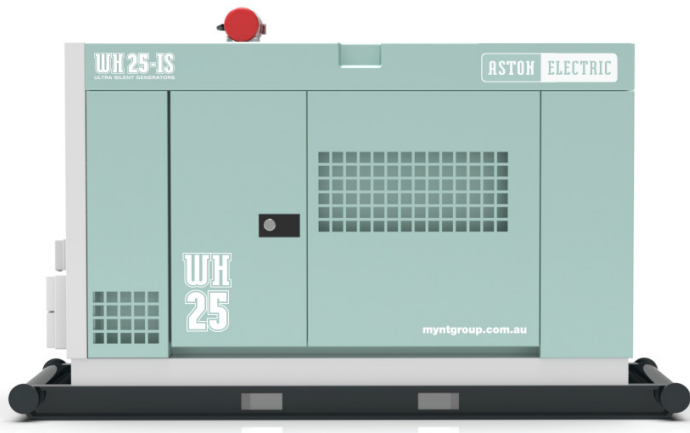


	XL 13-KU-BT	XL 25-KU-BT	XL 45-KU-BT	XL 60-IS-BT
Frequency (Hz)	50	50	50	50
Rated Output (kVA)	11	20	37	50
Voltage (V)	50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440(Dual Voltage)			
Power Factor (%)	80			
Class of rating	Continuous			
Exciting Method	Brushless (with A.V.R.)			
Make and Model	Kubota D1503DK3A	Kubota V2403DK3A	Kubota V3800DDIDT-DK2B	Isuzu BBD4BG1T
No. of Cylinder	3	4	4	4
Type 4 (Cycle, Water Cooled)	Swirl Chamber		Direct Injection,Turbo charged	
Total Displacement (CU)	1	2	4	4
Rated Output PS(kW)	15.6(11.5)	26(19.1)	51.7(38.0)	65.4(48.1)
RPM	1,500	1,500	1,500	1,500
Fuel (L)	Diesel Fuel Oil			
Fuel Tank Capacity (L)	95	145	325	400
Fuel Consumption (50/75%Load)	1.8/2.4	3.0/4.0	4.4/6.4	6.0/8.6
Lubricating Oil Capacity (L)	7	10	13	14
Cooling Water Capacity (L)	6	7	11	15
Battery Capacity (5hrs)	80D26R(55)	80D26R(55)	80D26R(55)	80D26R(55)
Overall Length (mm)	1,940	1,940	2,310	2,550
Overall Width (mm)	750	800	960	960
Overall Height (mm)	1,320	1,400	1,750	1,790
Net Dry Mass (kg)	699	829	1,244	1,493
Operating Mass (kg)	809	984	1,534	1,853
Sound level (dBA)	55	59	56	59

	XL 100-IS-BT	XL 125-IS-BT	XL 150-IS-BT	XL 220-MI-BT
Frequency (Hz)	50	50	50	50
Rated Output (kVA)	80	100	125	200
Voltage (V)	50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440(Dual Voltage)			
Power Factor (%)	80			
Class of rating	Continuous			
Exciting Method	Brushless (with A.V.R.)			
Make and Model	Isuzu BID4HK1X	Isuzu BID4HK1X	Isuzu BID6HK1X	Mitsubishi 6D24DT-LE2B
No. of Cylinder	4	4	6	6
Type 4 (Cycle, Water Cooled)	Direct Injection,Turbo charged Intercooled			
Total Displacement (CU)	5	5	8	12
Rated Output PS(kW)	131(96.3)	131(96.3)	162(119)	246(181)
RPM	1,500	1,500	1,500	1,500
Fuel (L)	Diesel Fuel Oil			
Fuel Tank Capacity (L)	740	740	815	980
Fuel Consumption (50/75%Load)	8.9/13.2	11/16	14.9/22.2	22.5/31.8
Lubricating Oil Capacity (L)	21	21	38	37
Cooling Water Capacity (L)	22	22	28	29
Battery Capacity (5hrs)	170F51(120)	170F51(120)	95D31R(64)	170F51(120) x2
Overall Length (mm)	3,060	3,450	3,450	4,160
Overall Width (mm)	1,100	1,285	1,285	1,400
Overall Height (mm)	1,990	1,990	2,040	2,310
Net Dry Mass (kg)	2,336	2,386	3,013	4,015
Operating Mass (kg)	2,991	3,041	3,748	4,900
Sound level (dBA)	60	60	64	66

WH
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WH
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Big
Tank
Ultra
Silent



	WH 25-IS	WH 45-KU	WH 60-IS	WH 100-IS	WH 150-HI
Frequency (Hz)	50	50	50	50	50
Rated Output (kVA)	20	37	50	80	125
Voltage (V)	50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440(Dual Voltage)				
Power Factor (%)	80				
Class of rating	Continuous				
Exciting Method	Brushless (with A.V.R.)				
Make and Model	Isuzu AA4LE1	Kubota V3800DITK2B	Isuzu BB4BG1T	Isuzu DD,6BG1T	Hino J08C,UD
No. of Cylinder	4	4	4	6	6
Type 4 (Cycle, Water Cooled)	Swirl Chamber	Direct Injection,Turbo charged			Direct Injection,Turbo charged Intercooled
Total Displacement (CU)	2.179	4	4	6	8
Rated Output PS(kW)	26(19.1)	51.7(38.0)	65(48.1)	100(73.6)	160(118)
RPM	1,500	1,500	1,500	1,500	1,500
Fuel (L)	Diesel Fuel Oil				
Fuel Tank Capacity (L)	75	165	170	225	265
Fuel Consumption (50/75%Load)	2.9/3.7	4.7/6.5	6.0/8.6	10.2/14.5	14.7/19.4
Lublicating Oil Capacity (L)	8	13	14	18	25
Cooling Water Capacity (L)	8.5	11	15	24	22
Battery Capacity (5hrs)	80D26R(55)	80D26R(55)	80D26R(55)	95D31R(64)	95D31R(64)
Overall Length (mm)	2,030	2,455	2,550	3,160	3,660
Overall Width (mm)	900	1,050	1,050	1,240	1,300
Overall Height (mm)	1,210	1,460	1,460	1,660	1,790
Net Dry Mass (kg)	834	1,254	1,483	2,111	2,878
Operating Mass (kg)	909	1,409	1,643	2,341	3,138
Sound level (dBA)	53	51	55	54	55

	WH 25-KU-BT	WH 45-KU-BT	WH 60-IS-BT
Frequency (Hz)	50	50	50
Rated Output (kVA)	20	37	50
Voltage (V)	50Hz : 200 or 380 or 400 or 415 , 60Hz : 220 or 440(Dual Voltage)		
Power Factor (%)	80		
Class of rating	Continuous		
Exciting Method	Brushless (with A.V.R.)		
Make and Model	Kubota V2403DK3A	Kubota V3800DDIDTDK2B	Isuzu BBD4BG1T
No. of Cylinder	4	4	4
Type 4 (Cycle, Water Cooled)	Swirl Chamber	Direct Injection,Turbo charged	
Total Displacement (CU)	2	4	4
Rated Output PS(kW)	26(19.1)	51.7(38.0)	65.4(48.1)
RPM	1,500	1,500	1,500
Fuel (L)	Diesel Fuel Oil		
Fuel Tank Capacity (L)	145	325	400
Fuel Consumption (50/75%Load)	3.0/4.0	4.6/6.4	6.0/8.6
Lublicating Oil Capacity (L)	10	13	14
Cooling Water Capacity (L)	7	11	15
Battery Capacity (5hrs)	80D26R(55)	80D26R(55)	80D26R(55)
Overall Length (mm)	2,030	2,330	2,540
Overall Width (mm)	900	960	1,100
Overall Height (mm)	1,540	1,750	1,800
Net Dry Mass (kg)	944	1,244	1,573
Operating Mass (kg)	1094	1,534	1,928
Sound level (dBA)	51	56	54



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Product Family



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GENERATORS 6KVA - 1500KVA



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