

A large industrial facility, possibly a refinery or power plant, is silhouetted against a vibrant orange and red sunset sky. A bright sun is visible on the left side of the frame. The facility features several tall distillation columns, a complex network of pipes, and a large storage tank in the foreground.

PORTABLE GENERATORS AND WELDERS

MQ POWER

Generators and Welders for Latin America

Reliable power. Anytime. Any place.





DCA45LSK2 Generator

Output: 45kVA
Engine: Kubota



DCA75SPI Generator

Output: 75kVA
Engine: Isuzu



DCA125SPK3 Generator

Output: 125kVA
Engine: Komatsu



DCA150ESK Generator

Output: 150kVA • Engine: Komatsu



DCA300SPK3 Generator

Output: 300kVA • Engine: Komatsu

Available accessory options

for 60 Hz models



Keyed fuel tank cap



Automatic Start and Stop Device for remote control via external signals



Three-way valve available to switch to external fuel tank

MQ Power WhisperWatt™ Generators. With standard models ranging from 25 kW to 1100 kVA, and the ability to customize a unit to fit any need, your options for a durable and reliable power generation solution are endless.

All specifications are subject to change without prior notice.



SPECIFICATIONS — MQ POWER GENERATORS — 25 TO 75 kVA

		DCA25ESK		DCA25ESI		DCA35SPK		DCA45LSK2		DCA60ESI2		DCA75SPI	
Alternator													
Frequency Hz		50	60	50	60	50	60	50	60	50	60	50	60
Output Rating (kVA)	Continuous	20	25	20	25	30	35	37	45	50	60	65	75
	Standby	22	27.5	22	27.5	31.5	36.75	37	45	55	66	68.3	78.8
No. of Phases		3-Phase, 4-Wire											
Rated Voltage*1		(2) Dual Voltage				(1) or (3) Single Voltage		(2) Dual Voltage					
Power Factor		0.8 (Lagging)											
Voltage Regulation %		Within ±0.5											
Excitation		Brushless, Rotating Exciter (With AVR)											
Insulation		Class F						Class H				Class F	
Engine													
Maker and Model		Kubota V2203-KB		Isuzu AA-4LE2		Kubota V3300-EB		Kubota V3600-T-K3A		Isuzu BB4BG1T		Isuzu A-6BG1	
Type		Inline, Swirl Chambered		Inline, Direct Injected		Inline, Swirl Chambered				Inline, Direct Injected, Turbocharged		Inline, Direct Injected	
Output Rating	PS/rpm	25/1500	32.2/1800	26/1500	32/1800	38.5/1500	44.1/1800	45.0/1500	51.3/1800	65.1/1500	77.6/1800	80/1500	93/1800
	kW/rpm	18.4/1500	23.7/1800	19.1/1500	23.5/1800	28.3/1500	32.4/1800	33.1/1500	37.7/1800	47.9/1500	57.1/1800	58.8/1500	68.4/1800
No. of Cylinders—Bore x Stroke mm		4-87x92.4		4-85x96		4-98x110		4-98x120		4-105x125		6-105x125	
Piston Displacement L		2.197		2.179		3.318		3.620		4.329		6.494	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent											
Fuel Consumption*2 L/h		3.9	4.9	3.3	4.2	5.8	6.9	7.1	8.9	8.7	11.0	10.8	12.5
Lube Oil Sump Capacity L		7.6		8.5		13.2		13.2		13.2		19.3	
Coolant Capacity L		7.9		6.6		10.5		10.9		15.4		22.9	
Battery x Quantity		80D26Rx1				95D31Rx1		115D31Rx1		95D31Rx1		95E41Rx2	
Fuel Tank Capacity L		62		70		82		100		125		155	
Engine Emissions		Stage II (Japanese)				Stage I (Japanese)		Stage III (Japanese)		Stage II (Japanese)		Stage I (Japanese)	
Unit													
Dimensions	Length mm	1540		1540		1900		1850		2200		2630	
	Width mm	650		680		860		880		880		1000	
	Height mm	900		900		990		1250		1250		1300	
Dry Weight kg		591		564		890		935		1120		1590	
Sound Level													
7m dB(A) 1500/1800 rpm*3		61	65	60	64	60	63	57	60	61	64	61	63

*1 Rated Voltage Calculation

*4

*2 Fuel consumption is based on operation at 75% load.

*3 Sound level reflects high-speed no-load operation and is calculated by averaging the measurements at four points, each 7 meters from the source.

*4 Depending on location and area, output voltage may differ from values listed in catalog.

Frequency	(1)	(2)		(3)
50Hz	190-220V	190-220V	380-440V	380-440V
60Hz	200-240V	190-240V	380-480V	380-480V

SPECIFICATIONS — MQ POWER GENERATORS — 100 TO 300 kVA

		DCA100ESI		DCA125SPK3		DCA150ESK		DCA220SPK3		DCA300SPK3	
Alternator											
Frequency Hz		50	60	50	60	50	60	50	60	50	60
Output Rating (kVA)	Continuous	80	100	100	125	125	150	200	220	270	300
	Standby	88	110	110	1388	138	165	220	242	297	330
No. of Phases		3-Phase, 4-Wire									
Rated Voltage*1		(2) Dual Voltage									
Power Factor		0.8 (Lagging)									
Voltage Regulation %		Within ±0.5									
Excitation		Brushless, Rotating Exciter (With AVR)									
Insulation		Class F									
Engine											
Maker and Model		Isuzu DD-6BG1T		Komatsu SA6D102E-A		Komatsu SAA6D102E-2-D		Komatsu S6D125E-2-A		Komatsu S6D125E-2-A	
Type		Inline, Direct Injected, Turbocharged		Inline, Direct Injected, Turbocharged, Aftercooled				Inline, Direct Injected, Turbocharged			
Output Rating	PS/rpm	100/1500	124/1800	33/1500	157/1800	153/1500	183/1800	242/1500	277/1800	316/1500	350/1800
	kW/rpm	73.6/1500	91.3/1800	97.8/1500	115.5/1800	113/1500	135/1800	178/1500	204/1800	232/1500	257/1800
No. of Cylinders—Bore x Stroke mm		6-105x125		6-102x120		6-102x120		6-125x150		6-125x150	
Piston Displacement L		4.494		5.880		5.880		11.040		11.040	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent									
Fuel Consumption*2 L/h		13.5	17.4	15.5	20.1	20.6	25.0	31.5	35.7	43.6	50.0
Lube Oil Sump Capacity L		22.4		22		22		42		62	
Coolant Capacity L		22.0		22.7		28.4		43.3		44.3	
Battery x Quantity		95D31Rx2		95E41Rx2				145G51x2 or 155G51x2		145G51x2 or 155G51x2	
Fuel Tank Capacity L		225		250				380		490	
Engine Emissions		Stage II (Japanese)		Stage I (Japanese)		Stage I (Japanese)		Stage I (Japanese)		Stage I (Japanese)	
Unit											
Dimensions	Length mm	2750		3000		3250		3650		3750	
	Width mm	1050		1080		1080		1300		1400	
	Height mm	1350		1500		1500		1750		1800	
Dry Weight kg		1730		2110		2390		3680		4170	
Sound Level											
7m dB(A) 1500/1800 rpm*3		59	61	65	68	62	65	63	65	70	73

*1 Rated Voltage Calculation

*4

Frequency	(1)	(2)	(3)
50Hz	190-220V	190-220V	380-440V
60Hz	200-240V	190-240V	380-480V

*2 Fuel consumption is based on operation at 75% load.

*3 Sound level reflects high-speed no-load operation and is calculated by averaging the measurements at four points, each 7 meters from the source.

*4 Depending on location and area, output voltage may differ from values listed in catalog.



DCA400SPK2 Generator

Output: 400kVA
Engine: Komatsu



DCA500SPK Generator

Output: 500kVA
Engine: Komatsu



DCA600SPK Generator

Output: 600kVA
Engine: Komatsu

DCA800SPK Generator

Output: 800kVA
Engine: Komatsu



SPECIFICATIONS — MQ POWER GENERATORS — 400 TO 1100 kVA

		DCA400SPK2		DCA500SPK		DCA600SPK		DCA800SPK		DCA1100SPK	
Alternator											
Frequency Hz		50	60	50	60	50	60	50	60	50	60
Output Rating (kVA)	Continuous	350	400	450	500	550	600	700	800	1000	1100
	Standby	385	440	495	550	605	660	770	880	1100	1210
No. of Phases		3-Phase, 4-Wire									
Rated Voltage*1		(2) Dual Voltage									(1) Single Voltage
Power Factor		0.8 (Lagging)									
Voltage Regulation %		Within ±1.0		Within ±0.5							
Excitation		Brushless, Rotating Exciter (With AVR)									
Insulation		Class F									
Engine											
Maker and Model		Komatsu SA6D140A-1		Komatsu SA6D170B-1		Komatsu SA6D170-A-1		Komatsu SA12V140		Komatsu SAA12V140	
Type		Inline, Direct Injected, Turbocharged, Aftercooled						Direct Injected, Turbocharged, Aftercooled			
Output Rating	PS/rpm	421/1500	485/1800	520/1500	580/1800	639/1500	698/1800	834/1500	1000/1800	1171/1500	350/1324
	kW/rpm	310/1500	357/1800	382/1500	427/1800	470/1500	513/1800	613/1500	736/1800	2861/1500	974/1800
No. of Cylinders—Bore x Stroke mm		6-140x165		6-170x170		6-170x170		12-140x165		12-140x165	
Piston Displacement L		15.240		23.150		23.150		30.480		30.480	
Fuel		ASTM No. 2 Diesel Fuel or Equivalent									
Fuel Consumption*2 L/h		52.1	60.8	69.5	83.1	81.8	93.7	102	120	152	169
Lube Oil Sump Capacity L		74		119		119		151		207	
Coolant Capacity L		68.4		92.5		112		170		237	
Battery x Quantity		190H52x2 or 210H52x2						19H52x4 or 210H52x4		145G51x4 or 155G51x4	
Fuel Tank Capacity L		490		490		490		600		600	
Engine Emissions		Stage I (Japanese)		Stage I (Japanese)		—					
Unit											
Dimensions	Length mm	4200		5480 (5000)*5		5580 (5100)*5		6510 (5900)*5		6510 (5900)*5	
	Width mm	1400		1650		1650		2200		2200	
	Height mm	2100		2400		2400		2790		2790	
Dry Weight kg		5420		8540		8860		13000		13000	
Sound Level											
7m dB(A) 1500/1800 rpm*3		67	68	68	71	67	671	70	74	70	74

*¹ Rated Voltage Calculation

*⁴

*² Fuel consumption is based on operation at 75% load.

*³ Sound level reflects high-speed no-load operation and is calculated by averaging the measurements at four points, each 7 meters from the source.

*⁴ Depending on location and area, output voltage may differ from values listed in catalog.

*⁵ Shown unit lengths are with visor (without visor)

Frequency	(1)	(2)	(3)
50Hz	190-220V	190-220V	380-440V
60Hz	200-240V	190-240V	380-480V



DAW180SS Welder

Output: 170A
Engine: Kubota



DLW300LS Welder

Output: 280A
Engine: Yanmar



DLW300LSW2 Welder

Output: 280/140A
Engine: Kubota



DLW400LSW Welder

Output: 390/195A
Engine: Kubota

Multiquip welders are designed and built to withstand the toughest environments with superior power ranging from 180 amps to 500 amps. Ideal for construction, maintenance repairs, service trucks and industrial applications, Multiquip welders are recognized around the world for quality reliability, low cost of maintenance, and outstanding resale value.

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SPECIFICATIONS — MQ POWER WELDERS — 180 to 500A

		DAW180SS	DLW300LS	DLW300LSW2	DLW400LSW	DAW500S
DC Welding Power						
Rated Output	(kW)	4.5	7.90/8.74	Single 7.9/8.74 Dual 3.28x2 / 3.58x2	Single 12.9/13.9 Dual 5.07x2 / 5.42x2	17.7
Rated Current	(A)	170	260/280	Single 260/280 Dual 130/140	Single 370/390 Dual 185/195	460
Rated Voltage	(V)	26.8	30.4/31.2	Single 30.4/31.2 Dual 25.2/25.6	Single 34.8/35.6 Dual 27.4/27.8	38.4
Welding Current Range	(A)	30-180	30-280 / 30-300	Single 60-280 / 60-300 Dual 30-150 / 30-160	Single 60-380 / 60-400 Dual 30-190 / 30-200	40-500
Rated Duty Cycle	(%)	50	100			75
Applicable electrode	(mm)	2.0-4.0	2.0-6.0	Single 2.0-6.0 Dual 2.0-3.2	Single 2.0-8.0 Dual 2.0-4.0	2.0-8.0
Generator Output						
Frequency	(Hz)	50/60	50/60	50/60	50/60	50/60
Rated Output	(kVA)	3.0	10.4/11.4	10.4/11.4	15.0	3.0
Rated Voltage ^{*1}	PS/rpm	220 (100-240)	380 (200-240 or 380-440)			220 (100-240)
No. of Phase		1 Phase, 2 wire		3 Phase, 4 wire		1 Phase, 2 wire
Power Factor		1.0		0.8 (Lagging)		1.0
Diesel Engine						
Model		Kubota Z402	Yanmar 2-2TNM68G	Kubota D902-K3A	Kubota D1105-K3B	Kubota D1703
Type		4-cycle, vertical, water-cooled with radiator				
Rated Output	(kW)	7.28	12.5/15.0	14.9/17.8	17.8/20.7	25.4
Rated Speed	(rpm)	3600	3000/3600			2800
Displacement	(L)	0.4	0.784	0.898	1.123	1.647
Fuel		ASTM No. 2 diesel fuel or equivalent				
Fuel Consumption ^{*2}	(L/h)	1.32	1.96/2.34	2.14/2.49	3.14/3.69	5.2
Fuel Tank Capacity	(L)	15	36	36	42	45
Battery x Quantity		38B20Rx1	55B24Lx1			75D31Rx1
Dimensions/Weight						
Length x Width x Height	(mm)	990x590x750	1410x560x770	1410x560x770	1520x700x770	1260x800x870
Dry Weight	(kg)	181	379	375	471	435
Sound Level						
7m	dB (A) ^{*3}	64	63/35	66/68	64/68	71
Features						
Welding Characteristics		CC	Welding Mode Selector Switch: DROOP/CC; Arc Force Regulator			CC; Air Force Regulator
Improves Work Efficiency		Inverter	AVR		Dual Operator Welding; AVR	Inverter
Fuel Reduction		Slow Down	e-Mode (3 Position)	e-Mode (3 Position)		Slow Down
Safety Device		—	Non-stick welding function; Voltage Reduction Device (VRD)			—

*1 Indicates options.

*2 The fuel consumptions herein are measured under the condition that welding load is a rated value and the duty cycle is fixed at 50%.

*3 The noise levels herein stated are the averaged value of the measured values of four directions of 7 meters length under non-loaded condition.

