

MQ POWER GENERATORS

MULTIQUIP



Full featured portable power



MQ POWER *WhisperWatt™* Generators

From stationary standby power sources to mobile construction applications, MQ Power's WhisperWatt portable generators will meet your most demanding requirements.

They're ruggedly built and have every imaginable performance feature, control and operator convenience. All internal parts are shock mounted to a heavy steel frame for minimum vibration and extended service life. The standard weather resistant steel housing provides complete protection and is soundproofed, enabling operation at noise levels substantially lower than competitive designs. This makes WhisperWatt the perfect choice for standby power at hospitals, factories and schools.

WhisperWatt units are powered by fuel efficient diesel engines offering long service life and low maintenance requirements. Full instrumentation includes essential engine and generator monitoring functions.

WhisperWatt models are available in various configurations with output power up to 800 KVA.

MQ Power Decibel Levels

Our soundproof housing allows substantially lower operating noise levels than competitive designs. WhisperWatts are at home on construction sites, in residential neighborhoods, and at hospitals — just about anywhere.

- 90—Subway/truck traffic
- 80—Average city traffic
- 70—Inside car at 60 mph
- 60—Air conditioner at 20 feet
- 50—Normal conversation

**65.5
DECIBELS**



Voltage change made simple. Three-position rotary selector switch makes generator output voltage compatible with most every job. Switch is protected by a lockable panel. (Available on models from DCA-25 through DCA-150.)



Designed with you in mind...

Silenced, weather resistant steel housing.

Single point lifting bail.

Fully lockable enclosure.

MQ Power's patented open-delta design provides virtually unlimited excitation current for maximum motor starting and other heavy loads.



Reverse flow cooling.

Complete power panel.

Seven-stage powder coat paint for durability and weather protection.

Highway-legal trailers available.

External service drains.

Model DCA-70SSJU2
75 KVA Standby; 70 KVA Prime Output



See page 8 for full specifications.

WhisperWatt Standard Features

- **Excellent voltage regulation** — power is controlled within 1% of mean voltage.
- **Simultaneous single and three phase power.**
- **Complete power panel.** Fully covered; three-phase terminals and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. All are NEMA standard.
- **Voltage selector switch or voltage reconnect board.** Easy to change voltages as your applications require.
- **Complete analog instrumentation.**
- **Brushless generator design.** Reduces service and maintenance requirements.
- **Diesel powered** for reliability and long engine life.
- **Automatic safety shutdown system.** Monitors the engine oil pressure and water temperature; warning lights indicate abnormal conditions.
- **Silenced, weather resistant steel housing.** Standard baffles and insulation to reduce operating noise levels to as low as 62 db(A) at 23 feet.
- **Easy maintenance design.** Quick, direct access to all filters. External fluid drain extensions allow fast, easy service.
- **Internal fuel tank.** Direct reading fuel gauges are standard.
- **Illuminated instrument panel.**
- **Fully lockable enclosure.** Allows safe unattended operation.
- **Highway-legal trailers available.** For simple and safe transportation; extra capacity fuel cells also available.



Simple, easy-to-read instrument panel provides quick, accurate information about both generator and engine performance.

Engine instrumentation:

- Ammeter
- Oil pressure gauge
- Water temperature gauge
- Tachometer/hour meter
- Keyed start switch
- Preheat indicator
- Emergency shutdown monitors and controls

Generator instrumentation:

- Voltage regulator control
- Phase selector switch
- Voltmeter
- Ammeter
- Frequency meter
- Pilot light
- Circuit breaker



MQ Power WhisperWatts have been engineered to provide the highest reliability and maximum motor starting capability. Cabinet design dramatically reduces noise level.



You see them everywhere... MQ Power WhisperWatt Generators are at home on construction sites, at special events, film production locations and telecommunication sites.



See page 9 for full specifications.

MQ POWER WhisperWatt Generators

Special event and standby power specialists.

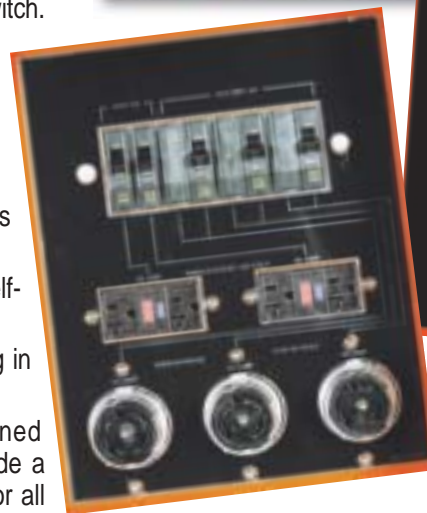
MQ Power gensets come fully equipped with just about every control and convenience feature imaginable.

Some applications may require specialized accessories, all available from MQ Power:

- **Electronic Governor Control (Crystal Sync)** — maintains frequency to within $\pm 0.25\%$ from no load to full load.* A manual idle switch is also available.
- **Automatic Start/Stop Control*** — allows for automatic remote starting of the generator during power outages when used in conjunction with an automatic transfer switch.
- **Digital Control** — microprocessor logic provides complete monitoring and control of generator operation. Allows remote generator management via modem. Automatic start/stop is standard. This control is NFPA110 compliant.
- **Transfer Switches** — manual and automatic switches available with a wide range of functions.
- **Battery Chargers** — provides fully automatic and self-adjusting charging to the generator's battery system.
- **Jacket Water Heaters** — ensure quick, easy starting in cold weather climates.
- **Environmental Fuel Cells**** — specially designed factory-built environmental fuel/skid packages provide a minimum of 24 hours of run time and containment for all hazardous fluids to protect against accidental spillage. Standard sub-base fuel cells are also available in a variety of configurations.
- **CamLoks** — color coded connectors. Provides positive, vibration-proof twist lock electrical connections.

* Standard on models rated 70KVA and larger.

** Available on models DCA-25, -45, -70 and -125.



Digital control panel monitors all phases of machine operation.

NEMA standard terminals and receptacles allow fast and convenient hookup for most applications.



See page 10 for full specifications.

Single Phase Gensets — available in sizes from 2.3 KW to 35 KW.

Multiquip Portable Generators — 2.3 to 9.7 KW

The contractor's choice for reliable power!

These rugged, portable power plants are ideal for a variety of purposes from construction to back-up power.

- **Brushless design** — reduces maintenance by eliminating carbon brushes and slip rings.
- **Excellent voltage regulation** — tightly regulated within $\pm 3\%$.
- **Full power switch*** — directs full power into the 120 volt or shares between the 120 and 240 volt receptacles.

- **Circuit breakers** — protect the generator from overloading and safeguard tools and lights.
- **Automatic idle control*** — prolongs engine life by reducing engine RPM during periods of no load.
- **Easy starting** — industrial grade Honda and Robin OHV engines provide dependable performance.
- **Low oil shutdown** — stops the engine if oil falls below a safe level. *Standard on all models.*
- **Wheel kits** — available as options for all models.

* Not included on 2300 and 2500 watt units.

18 HP Honda engine with recoil and electric start

Integral lifting bail

Low oil shutdown for engine protection

Shock mounts minimize vibration



Complete instrumentation and controls

- Voltmeter
- GFCI
- Individual circuit breakers
- Automatic idle control

100% copper windings

Brushless design reduces maintenance time and expense

Model GA-9.7HZ
9700 watts maximum



See page 11 for full specifications.

MQ POWER 25 to 150 KVA — Single / Three Phase

MODEL	DCA-25SSIU	DCA-45SSIU2	DCA-60SSI2	DCA-70SSJU2	DCA-85SSJUC*	DCA-100SSJU2	DCA-125SSJU2	DCA-150SSJU2
GENERATOR								
Design	Revolving field Self-ventilated Drip-proof Single bearing							
No. of Poles	4-pole							
Excitation	Brushless with AVR							
Standby Output	22 KW (27 KVA)	37 KW (47 KVA)	53 KW (66 KVA)	61 KW (77 KVA)	70 KW (88 KVA)	88 KW (110 KVA)	110 KW (137 KVA)	132 KW (165 KVA)
Prime Output	20 KW (25 KVA)	36 KW (45 KVA)	48 KW (60 KVA)	56 KW (70 KVA)	66 KW (82 KVA)	80 KW (100 KVA)	100 KW (125 KVA)	120 KW (150 KVA)
Generator RPM	1800							
Voltage — 3 phase	208, 220, 240, 416, 440, 480V Switchable							
Voltage — single phase	120, 127, 139, 240, 254, 277V Switchable							
Armature connection	Star with neutral / zigzag							
Voltage Regulation (No load to full load)	±1%		±1.5%					
Power Factor	0.8							
Frequency	60 Hz							
Insulation	Class F							
Sound Level dB(A) Full load 23 feet	65	64	66	65	67	67	67	68
DIESEL ENGINE								
Make/Model	Isuzu C240	Isuzu 4BG1	Isuzu 6BG1	John Deere 4045TF150	John Deere 4045TF250	John Deere 6068TF150	John Deere 6068TF250	John Deere 6081TF
Starting System	Electric							
Design	4-cycle Water cooled Swirl chamber	4-cycle Water cooled Direct injection		4-cycle Water cooled Direct injection Turbocharged				
Displacement	2369 cc	4329 cc	6494 cc	4500 cc	4500 cc	6724 cc	6724 cc	8100 cc
No. cylinders	4	4	6	4	4	6	6	6
Bore x Stroke (mm)	86 x 102	105 x 125	105 x 125	106 x 127	106 x 127	106 x 127	106 x 127	116 x 129
HP at Rated Speed	31	55	77	90	102	129	150	190
Fuel Tank Capacity gal (liters)	17.2 (65.1)	26.4 (99.9)	33 (124.9)	40 (151.4)	40 (151.4)	63 (238.5)	63 (238.5)	66 (249.8)
Fuel Consumption At full load gph (lph) At ¾ load gph (lph) At ½ load gph (lph) At ¼ load gph (lph)	1.7 (6.5) 1.3 (5.0) 0.9 (3.4) 0.6 (2.3)	2.7 (10.3) 2.0 (7.6) 1.5 (5.7) 1.1 (4.2)	3.9 (14.4) 3.0 (11.4) 2.4 (9.1) 1.9 (7.2)	3.9 (14.4) 3.1 (11.7) 2.3 (8.7) 1.8 (6.8)	4.8 (18.1) 3.8 (14.3) 2.6 (9.8) 1.6 (6.0)	6.6 (25.1) 5.0 (19.0) 3.5 (13.3) 2.1 (8.0)	7.5 (28.4) 5.7 (21.6) 4.0 (15.1) 2.3 (8.7)	9.7 (36.7) 7.5 (28.4) 5.3 (20.1) 3.5 (13.2)
Coolant capacity gal (liters)	2.9 (11.0)	5.3 (20.1)	7.5 (28.4)	6.9 (26.0)	6.9 (26.0)	10.3 (39.0)	10.3 (39.0)	10.9 (41.2)
Oil capacity gal (liters)	1.45 (5.5)	3.4 (12.9)	4.8 (18.2)	3.4 (13.0)	3.4 (13.0)	4.5 (17.0)	4.5 (17.0)	8.5 (32.2)
Battery	12V 70Ah x 1	12V 100Ah x 1	12V 100Ah x 2 24V System	12V 100Ah x 1	12V 100Ah x 1	12V x 150Ah x 1	12V 150Ah x 1	12V 150Ah x 1
SIZE								
LxWxH in (cm)	78x29x39 (198x74x99)	78x35x49 (198x89x124)	96x35x49 (243x89x124)	94x35x55 (239x89x140)	94x35x55 (239x89x140)	120x44x56 (305x112x142)	120x44x56 (305x112x142)	126x47x59 (320x119x150)
Aprox Net Wt. lb. (kg)	1543 (700)	2470 (1120)	3250 (1474)	3246 (1472)	3350 (1520)	4454 (2020)	4630 (2100)	5617 (2548)
AMPS								
Single Phase 120V	55.5A (4 wire) 60Ax2 (zigzag)	100A (4 wire) 108Ax2 (zigzag)	133.3A (4 wire) 144Ax2 (zigzag)	155.5A (4 wire) 168Ax2 (zigzag)	182.2A (4 wire) 250Ax2 (zigzag)	222.2A (4 wire) 241Ax2 (zigzag)	277.8A (4 wire) 301Ax2 (zigzag)	333.3A (4 wire) 361Ax2 (zigzag)
Single Phase 240V	27.8A (4 wire) 60A (zigzag)	50A (4 wire) 108A (zigzag)	66.7A (4 wire) 144A (zigzag)	77.8A (4 wire) 168A (zigzag)	91.2A (4 wire) 250A (zigzag)	111.1A (4 wire) 241A (zigzag)	138.9A (4 wire) 301A (zigzag)	166.7A (4 wire) 361A (zigzag)
Three Phase 240V	60A	108A	144A	168A	197A	241A	301A	361A
Three Phase 480V	30A	54A	72A	84A	99A	120A	150A	180A

* Specially designed for high single phase output

180 to 800 KVA — Single / Three Phase

MODEL	DCA-180SSK3	DCA-220SSK3	DCA-300SSK3	DCA-400SSK3	DCA-600SSK	DCA-800SSK
GENERATOR						
Design	Revolving field Self-ventilated Drip-proof Single bearing					
No. of Poles	4-pole					
Excitation	Brushless with AVR					
Standby Output	158 KW (198 KVA)	194 KW (242 KVA)	264 KW (330 KVA)	352 KW (440 KVA)	528 KW (660 KVA)	704 KW (880 KVA)
Prime Output	144 KW (180 KVA)	176 KW (220 KVA)	240 KW (300 KVA)	320 KW (400 KVA)	480 KW (600 KVA)	640 KW (800 KVA)
Generator RPM	1800					
Voltage — 3 phase	208, 220, 240, 416, 440, 480 Reconnectable					
Voltage — single phase	120, 127, 139, 240, 254, 277 Adjustable					
Armature connection	Star with neutral					
Voltage Regulation (No load to full load)	±1.5%	±1.5%	±1.5%	±1.5%	±1%	±1%
Power Factor	0.8					
Frequency	60 Hz					
Insulation	Class F					
Sound Level dB(A) Full load 23 feet	67	66	71	69	75	73
DIESEL ENGINE						
Make/Model	Komatsu SA6D108E	Komatsu S6D125E	Komatsu SA6D125E	Komatsu SA6D140AE	Komatsu SA6D170AE-1	Komatsu SA12V140
Starting System	Electric					
Design	Direct injection, turbocharged, aftercooled	Direct injection, turbocharged	Direct injection, turbocharged, aftercooled			
Displacement	7,150 cc	11,000 cc	11,040 cc	15,240 cc	23,150 cc	30,480 cc
No. cylinders	6	6	6	6	6	12
Bore x Stroke mm	108 x 130	125 x 150	125 x 150	140 x 165	170 x 170	140 x 165
HP at Rated Speed	217	273	345	478	688	980
Fuel Tank Capacity gal (liters)	79 (299)	100 (379)	129.5 (490)	129.5 (490)	129.5 (490)	129.5 (490)
Fuel Consumption At full load gph (lph) At ¾ load gph (lph) At ½ load gph (lph) At ¼ load gph (lph)	9.6 (36.3) 6.8 (25.7) 5.2 (19.7) 3.3 (12.5)	12.3 (46.6) 9.4 (35.6) 6.5 (24.6) 4.0 (15.1)	17.5 (66.2) 12.0 (45.4) 8.8 (33.3) 5.5 (20.8)	20.4 (77.2) 15.8 (59.8) 11.0 (62.5) 6.6 (29.0)	33.9 (128.3) 26.7 (101.1) 17.4 (65.9) 10.6 (40.1)	43.7 (165.4) 33.0 (124.9) 24.0 (90.9) 14.9 (56.4)
Coolant capacity gal (liters)	7.4 (28.0)	11.1 (42.0)	16.9 (64.0)	16.9 (64.0)	28.9 (109.4)	42.3 (160.1)
Oil capacity gal (liters)	6.3 (23.8)	10.4 (39.4)	16.1 (60.9)	19.5 (73.8)	31.4 (118.8)	39.9 (151.0)
Battery	12V 100AH x 2 24V System	12V 150AH x 2 24V System	12V 200AH x 2 24V System	12V 200AH x 2 24V System	12V 200AH x 2 24V System	12V 200AH x 4 24V System
SIZE						
LxWxH in (cm)	130 x 48 x 60 (330 x 122 x 152)	144 x 52 x 69 (366 x 132 x 175)	153 x 56 x 71 (389 x 142 x 180)	166 x 56 x 83 (422 x 142 x 211)	220 x 65 x 95 (559 x 165 x 241)	241 x 77 x 99 (612 x 196 x 251)
Aprox Net Wt. lb (kg)	6,372 (2890)	8,091 (3670)	9,172 (4160)	11,950 (5420)	19,533 (8860)	24,692 (11,200)
AMPS						
Single Phase 120V Single Phase 240V Three Phase 240V Three Phase 480V	400.0A (4 wire) 200.0A (4 wire) 433A 216A	488.9A (4 wire) 244.4A (4 wire) 529A 264A	666.7A (4 wire) 333.3A (4 wire) 721A 360A	888.9A (4 wire) 444.4A (4 wire) 962A 481A	1333.3A (4 wire) 666.7A (4 wire) 1443A 721A	1777.8A (4 wire) 888.9A (4 wire) 1924A 962A

MQ POWER 7 to 35 KW — Single Phase

MODEL	DA-7000SS	DCA-10SPX3	TLG-12SPX	DCA-15SPX3	DCA-44SPX3
GENERATOR					
Design	Revolving field Self-ventilated Drip-proof Single bearing				
No. of Poles	2-pole	4-pole	2-pole	4-pole	4-pole
Excitation	Brushless with AVR				
Standby Output	7 KW	10.5 KW	13 KW	16.5 KW	40.9 KW
Prime Output	6 KW	10 KW	12 KW	15 KW	35 KW
Generator RPM	3600	1800	3600	1800	1800
Voltage — single phase	120/240				
Armature connection	Series				Series/Parallel
Voltage Regulation (No load to full load)	±3%	±1%	±1.5%	±1.5%	±1.5%
Power Factor	1.0				
Frequency	60 Hz				
Insulation	Class B	Class F			
Sound Level dB(A) Full load 23 feet	65.7	65	67	62	65
DIESEL ENGINE					
Make/Model	Kubota Z482	Kubota D1403	Isuzu 3LB1	Kubota V2203-KB	Isuzu 4BG1
Starting System	Electric				
Design	4-cycle Water cooled Swirl chamber				4-cycle Water cooled Direct injection
Displacement	479 cc	1393 cc	1124 cc	2197 cc	3856 cc
No. cylinders	2	3	3	4	4
Bore x Stroke (mm)	67 x 68	80 x 92.4	77 x 80	87 x 92.4	102 x 118
HP at Rated Speed	13.9	16.5	22.8	24	57
Fuel Tank Capacity gal (liters)	6.6 (24.4)	Not included	13.5 (51.1)	16.3 (61.7)	23.8 (90.1)
Fuel Consumption At full load gph (lph) At ¾ load gph (lph) At ½ load gph (lph) At ¼ load gph (lph)	0.66 (2.5) 0.53 (2.0) 0.42 (1.6) 0.29 (1.0)	1.1 (4.2) 0.9 (3.4) 0.7 (2.6) 0.5 (1.9)	1.4 (5.3) 1.2 (4.5) 1.0 (3.8) 0.8 (3.0)	1.37 (5.2) 1.08 (4.1) 0.83 (3.1) 0.62 (2.3)	2.3 (8.7) 2.0 (7.6) 1.5 (5.9) 1.1 (4.2)
Coolant capacity gal (liters)	0.51 (1.95)	1.4 (5.3)	0.9 (3.4)	1.95 (7.4)	4.0 (15.1)
Oil capacity gal (liters)	0.54 (2.05)	1.77 (6.7)	1.2 (4.5)	2.0 (7.6)	3.4 (12.9)
Battery	12V 35Ah x 1	12V 70Ah x 1	12V 70Ah x 1	12V 70Ah x 1	12V 100Ah x 2 24V System
SIZE					
LxWxH in (cm)	25 x 45 x 35 (64 x 114 x 89)	56 x 26 x 36 (142 x 66 x 91)	56 x 28 x 34 (142 x 71 x 86)	61 x 26 x 36 (155 x 66 x 91)	81 x 35 x 49 (206 x 89 x 124)
Aprox Net Wt. lb. (kg)	566 (257)	1123 (509)	948 (430)	1277 (579)	2535 (1150)
AMPS					
Single Phase 120V Single Phase 240V	29.2A (2 sets) 29.2A	41.7A (2 sets) 41.7A	50A (2 sets) 50A	62.5A (2 sets) 62.5A	145A (2 sets) 145A

10

GA-Series Generators — 2.3 to 9.7 KW — Single Phase

MODEL	GA-2.3R2	GA-2.5H	GA-3.6RZ3	GA-3.6HZ	GA-6RZ2	GA-6RZR2	GA-6HZ	GA-6HZR	GA-9.7HZ
GENERATOR									
Design	Brushless								
Maximum Output	2,300 W	2,500 W	3,600 W	3,600 W	6,000 W	6,000 W	6,000 W	6,000 W	9,700 W
Continuous Output	2,000 W	2,200 W	3,200 W	3,200 W	5,000 W	5,000 W	5,000 W	5,000 W	8,400 W
Voltage	120	120	120/240	120/240	120/240	120/240	120/240	120/240	120/240
Frequency/Phase	60 Hz / Single Phase								
Voltmeter	Standard								
Full Power Switch	—	—	Standard						
Main Circuit Breaker	17A (1-pole)	20A (1-pole)	13.5A (2-pole)	13.5A (2-pole)	21A (2-pole)	21A (2-pole)	21A (2-pole)	21A (2-pole)	35A (2-pole)
Sound Level dB(A) Full load 23 feet	73	70	77	73	81	81	74	74	88
GASOLINE ENGINE									
Make/Model	Robin EH-17-2	Honda GX-160	Robin EH-25-2	Honda GX-240	Robin EH-34	Robin EH-34	Honda GX-340	Honda GX-340	Honda GX-610
Starting System	Recoil	Recoil	Recoil	Recoil	Recoil/Electric	Recoil	Recoil/Electric	Recoil	Recoil/Electric
HP (kw)	6.0 (4.2)	5.5 (4.1)	8.5 (6.4)	8.0 (6.0)	11.0 (8.25)	11.0 (8.25)	11.0 (8.25)	11.0 (8.25)	18.0 (13.5)
Rated Speed - RPM	3600								
Low Oil Shutdown	Standard								
Fuel Gauge	Standard								
Automatic Idle Control	N/A	N/A	Standard						
Fuel Tank Capacity gal (liters)	3.6 (13.6)	3.6 (13.6)	3.6 (13.6)	5.0 (18.9)	5.0 (18.9)	5.0 (18.9)	5.0 (18.9)	5.0 (18.9)	10 (37.9)
Running Time @ full load hours/tank	7.25	7.0	5.0	7.5	5.5	5.5	5.5	5.5	6.75
SIZE									
Length in. (cm)	20.75 (53)	19.75 (50)	24 (61)	25 (63)	24.75 (63)	24.75 (63)	30.5 (77)	25.75 (65)	31.25 (79)
Height in. (cm)	20.5 (52)	18.25 (46)	21.75 (55)	18.75 (47)	24.75 (63)	24.75 (63)	19 (48)	19 (48)	28 (71)
Width in. (cm)	15.75 (40)	16.25 (41)	18.75 (47)	19.75 (50)	18.75 (48)	18.75 (48)	20.25 (51)	20.25 (51)	21.25 (54)
Dry Wt. lb. (kg)	101 (46)	107 (49)	150 (68)	165 (75)	179 (81)	189 (86)	202 (92)	188 (85)	329 (149)
AMPS									
Max./Cont. 120V	19.2/16.6	20.8/18.3	30/26.6	30/26.6	50/41.6	50/41.6	50/41.6	50/41.6	80.8/70
Max./Cont. 240V	—	—	15/13.3	15/13.3	25/20.8	25/20.8	25/20.8	25/20.8	40.4/35



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We do it all for you...

Every stage of manufacturing, testing and customization of MQ Power Generators is controlled to ensure product excellence.

Although most customer requirements are fulfilled by the features built-into our standard machines, your unique applications and special needs may dictate design or appearance changes that can be incorporated into the product during the manufacturing process.



Manufactured by Denyo Co. Features and specifications are subject to change without notice. Features may vary by model.

Your MQ Power dealer is:



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