

ABYC



Russian maritime register



Russian River Register



Environmental protection agency



Lloyd's register quality assurance ISO9001



CHINA Type Approval

M/W-SQ 27 Super Silent Diesel Generator - 1 / 3-phase

Recreational craft • Commercial craft • Mobile applications • Back-up power



Accessories and options

- Keel cooling
- Exhaust system wet: marine Delta Waterlock / muflerand Delta Exhaust/ Water separator
- Exhaust system dry: Top Cool roof radiator system, for roof mounting, radiator coolers for side/ under floor
- Keel cooling with box collar kit
- Waterinlet kit
- Syphon breaker kit
- Stainless steel soundshield
- Mass free electrical installation
- Starter Battery kit including AC to DC battery charger
- Front Power take off for hydraulic functions up to 40 Hp with clutch, flexible coupling and SAE flange
- Extended remote touch screen start stop panel
- Cruise kits/ maintenance A - kit, B - kit
- Lloyds Register/ DNV/ ABS/GL approval available - per occassion (type approval)

Compliances

CE and ABYC compliant, back end compliant to GL/ DNV/ Lloyds.
Chinese certification and Russian River and Russian Marine certificate as standard.

After sale support

WhisperPower is maintaining a large and knowledgeable distributor/dealer support network in the World.
Our products and systems are supported by the best trained technicians, offering on board and on- vehicle service, repairs and spare parts. Operating manuals are available in all current languages

- M-SQ 27 - 25kW generator for marine applications
- W-SQ 27 - 25kW generator for mobile/ domestic applications

Features and benefits

- Ultra compact, AVR regulated, self-monitoring generator
- Low rpm 1500rpm -50Hz, 1800 rpm -60Hz
- Indirect fresh cooling (marine versions)
- Single radiator cooling (mobile versions)
- Extremely rugged and reliable
- Industrial design ensures longest life time
- Reduced noise level and vibration
- Pure sine wave output
- Parallel connectable via synchronization device
- Lloyds/GL/DNV (optional, back-end prepared)



The ultra compact M/ W SQ 27 - 25 kW Generator is delivered with heavy-duty epoxy powdered sound shield, operating panel at the service side with DDC digital control and all connections for water, fuel and electrical pre-installed.



green energy solutions



green energy solutions



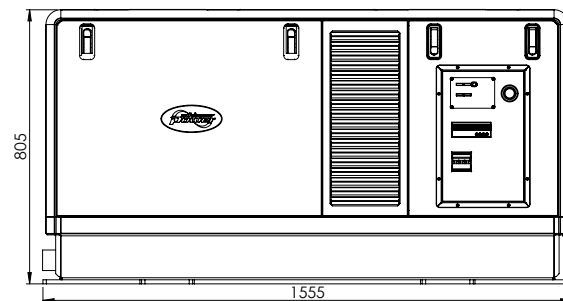
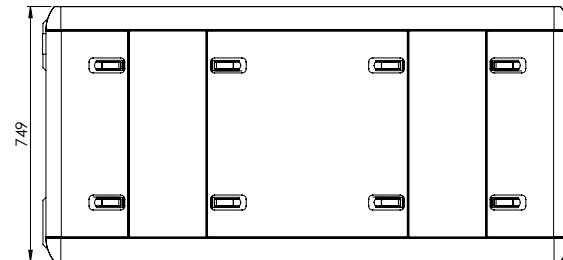
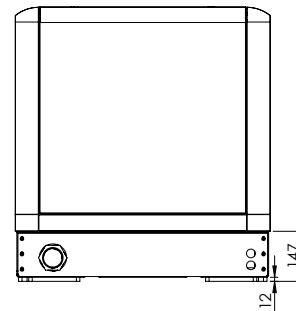
DDC Remote standard for all models. PSCP optional.



* Available in
M-SQ 32 60Hz
(41201355)

M-SQ 27 DIESEL GENERATOR*	W-SQ 27 DIESEL GENERATOR*
1500 RPM Super Quiet series	1500 RPM Super Quiet series
41201305 M-SQ 27 3-phase	41201320 W-SQ 27 3-phase
230V-400V / 50Hz MARINE - 25kW	230V-400V / 50Hz MOBILE - 25kW

MAIN SPECIFICATIONS		
Nominal power	25kW at 1500 RPM	25kW at 1500 RPM
Nominal voltage	230V-400V - 3x39A	230V-400V - 3x39A
Output frequency	50Hz	50Hz
Power factor / cos phi	1	1
Voltage tolerance	± 2%	± 2%
Frequency tolerance (Hz)	± 3%	± 3%
Voltage regulation	AVR	AVR
Starter battery	12V / 145Ah (Optional)	12V / 145Ah (Optional)
Battery charge current	alternator 50A	alternator 50A
Alternator	air-cooled, no brushes, synchronous	air-cooled, no brushes, synchronous
Sound level	58dB	58dB
SPECIFICATIONS DIESEL ENGINE		
Engine model	S4S (Mitsubishi)	S4S (Mitsubishi)
Number of cylinders	4	4
Cylinder capacity	3331 cc	3331 cc
Bore & stroke	94 x 120 mm	94 x 120 mm
Air consumption	2.8 m³/min	2.8 m³/min
Engine cooling	indirect watercooling	indirect watercooling
Fuel consumption (no load - full load)	1-8 l/hour	1-8 l/hour
DIMENSIONS & WEIGHT		
Length x Width x Height	1550 mm x 749 mm x 805 mm	1550 mm x 749 mm x 805 mm
Dry weight	640 kg	640 kg
Dry exhaust pipe / Wet exhaust	Ø 2 inch BSP / Ø 63 mm	Ø 2 inch BSP
Location oil refill cap	top	top
Max. operating angle	25° in all directions	25° in all directions
REMOTE CONTROL FOR WHISPER GENERATOR		
40209102	DDC panel: Digital Diesel Control, standard for every Whisper generator (standard)	
40209102	Additional 2 nd panel: DDC panel/slave version for second start/stop location. (Optional) displays, controls and pc-link you will find on www.whisperpower.com	



Basic dimensions

Note: This drawing is provided for general reference only and is not intended for design or installation. Our Operating & installation manual is offering the exact definitive dimensions.

Standard features

- Digital System Management and Monitoring (DDC) providing extensive diagnostic information
- DDC remote panel delivered as standard with 12 mtrs of cable.
- Automatic shutdown in case of high engine coolant temperature, high exhaust temperature, low oil pressure.
- One touch start/ stop, activating glow plug preheat and fuel lift pump
- Electronic governor allows the generator set to maintain synchronous frequency control and close voltage regulation to provide quality power for digital appliances and computers
- Switchable between 50/60 Hz
- Three phase AC alternator with single or dual voltages, brushless
- Digital AVR voltage regulator
- 12VDC system for starting and battery charging, negative ground as standard, double pole (mass free) optional
- Electric fuel transfer pump for priming and lift capability
- Freshwater indirect cooling system with heat exchanger, expansion tank and coolant recovery system
- Water cooled exhaust mixing elbow
- Air intake silencer
- Advanced anti vibration shock mounts between engine mounts and base plate and sound shield and mounting area.
- Full flow lube oil filter
- Oil drain and hose extension
- Fuel filter
- Rugged and attractive sound shield (mini mega yacht style) allowing easy acces at all sides
- Sound shield fitted with extra noise reducing sound insulation
- Fire extinguisher access port
- Plug and play installation of water/ fuel/ electrical connections.
- Factory load tested during three hours, delivered with test cetificate
- Five year limited system warranty , 2 years full warranty (restricted to operatign hours)
- As standard available with China and Russian River and Russian Marine certificate

