

MEGA SILENT SERIES

Prime 1144kW | Standby 1256kW



20"
CONTAINER

VSi
technology
COOLING
SYSTEM

REDUCTION
IN FUEL CONSUMPTION

475 GALLON
FUEL TANK
ONBOARD

The **FQ series generators** by **TecnoGen** incorporate their Patented **VSi technology**. VSi (*Variable Speed inverter*) technology uses variable speed electric fans to manage the cooling for the generator instead of standard engine driven fans, which steal power from the engine and create excessive noise.

STANDARD FEATURES ON ALL RENTAL MODELS

- ❖ PARALLEL DEEP SEA CONTROLLERS
- ❖ 12 ROWS OF CAMLOCKS
- ❖ BLOCK HEATERS
- ❖ BATTERY CHARGERS
- ❖ EXTERNAL FUEL CONNECTIONS
- ❖ EXTERNAL DEF CONNECTIONS
- ❖ DUAL WATER SEPARATOR FILTERS



▪ Twin Volvo Twp1683GE Diesel engines



▪ 12 rows of camlocks



▪ Control panel, with DSE Controllers, laid out and labeled for easy use.



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VO1400 FQ-20 TWIN

SERIES		MEGA SILENT
GENERATOR SPECS		
Prime Power (PRP)	kW	1144
Prime Power (PRP)	kVA	1430
Standby Power (LTP)	kW	1256
Standby Power (LTP)	kVA	1570
Rated Power Factor (cos φ)		0.8
RPM		1800
Voltage 1PH	V	---
Voltage 3PH	V	480/277V 208/120V
Rated frequency	Hz	60
Controller brand		Deep Sea
Controller model		DSE8610 x 2
Sound Level @23 Feet (no load)	dB	63
AMPS		
Single Phase 120V zz		---
Single Phase 240V		---
Three Phase 208V		3969
Three Phase 480V		1720
GENERAL ENGINE DATA		
Engine brand		VOLVO
Engine model		TWD1683GE x 2
EPA LEVEL		TIER4 FINAL
Cylinders	no.	6
R.P.M.	rpm	1800
Gross horse power	HP	932 x 2
External fuel valve		Yes
Fuel containment	%	110%
FUEL CONSUMPTION		
Fuel type		Diesel
Fuel capacity	gal.	475
Fuel cons. at 75% (P.R.P.)	gal/h	52.8
Run time @ 75%	hrs	9
DEF		
DEF tank capacity	gal.	42+42=84



ALTERNATOR DATA

Alternator brand		Leroy Somer
Alternator model		LSA 47.3L10 x 2
P.R.P. Power	kVA	715
L.T.P. Power	kVA	783
IP protection		23
Voltage regulator		±0,25% AREP
Short-circuit current		300 %:10s

WEIGHTS AND DIMENSIONS SKID WITH TRAILER

Length	in.	
Width	in.	Please inquire
Height	in.	on trailer options
Dry weight	lbs.	
Wet weight	lbs.	

WEIGHTS AND DIMENSIONS SKID WITHOUT TRAILER

Length	in.	240
Width	in.	96
Height	in.	102
Dry weight	lbs.	38581
Wet weight	lbs.	42980

NOTICE

Generator is not intended for use in enclosed areas or where free flow of air is restricted.
Backfeed to a utility system can cause electrocution and/or property damage. Do not connect to any building's electrical system except through an approved device.
Specifications are subject to change without notice.