MEGA SILENT SERIES *for the Entertainment World*

KL45FQ
325 AMPS
55 dBA
36 kW Prime

TecnoGen
POWER GENERATORS

CONCERTS

FILM INDUSTRY

OUTDOOR EVENTS

Easy to use control panel

Camlocks are standard in addition to the lugs for easy color coded hook ups when using distribution panels and boxes

BUSBAR

Tripled sealed doors and 2" insulation throughout

KL45FQ Specifications

MODEL	KL45FQ
SERIES	FQ
GENERATOR SPECS	
PRIME (kW)	36.0
STANDBY (kW)	40.0
RPM	1800
VOLTAGE 1PH	240/120V
VOLTAGE 3PH	480/277V 208/120V
FREQUENCY (Hz)	60
CONTROLLER BRAND	Deep Sea
CONTROLLER MODEL	DSE7310
ALTERNATOR MAKE	Leroy Somer
ALTERNATOR MODEL	LSA 42.3M7
SYSTEM VOLTAGE	12V
SOUND LEVEL @ 23 FEET	55
AMPS	
SINGLE PHASE 120V zz	140 X 2 zz
SINGLE PHASE 240V	140
THREE PHASE 208V	125
THREE PHASE 240V	108
THREE PHASE 480V	54
ENGINE SPECS	
MAKE	Kohler
MODEL	KDI2504TCR
EPA LEVEL	Tier 4
No. Cylinders	4
HP	74
EXTERNAL FUEL VALVE	YES
FUEL CONTAINMENT	110%
FUEL CONSUMPTION	
FUEL CAPACITY (Gallons)	63
100%	2.7g/h
RUN TIME @ 100%	23hrs
WEIGHTS AND DIMENSIONS SKID W/O TRAILER	
WEIGHT wet (lbs.)	3644
LENGTH (in.)	90
WIDTH (in.)	37
HEIGHT (in.)	60

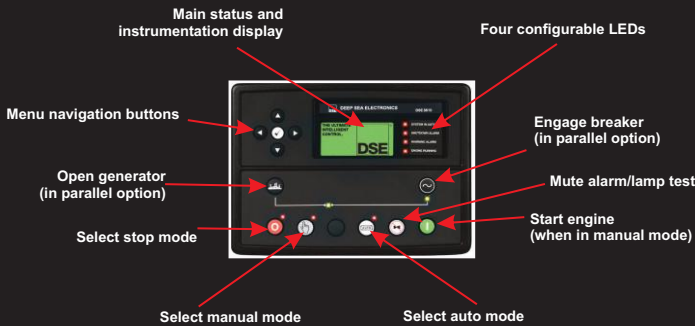* The weights and dimensions may be subject to change. Please refer to the technical drawing.

TecnoGen has designed the FQ Series paying specific attention to low noise level, innovative VSi cooling system and low fuel consumption.

The KL45FQ generator is powered by a Kohler diesel engine coupled to an industry standard Leroy Somer alternator providing 36 kW of prime power.

Features include internal fuel capacity of 63 gallons giving you 23 hours of run time @ 100% load. Patented VSi technology uses variable speed electric induction fans for cooling instead of the standard engine mounted cooling fans saving fuel and reducing noise. Triple sealed doors with 2" insulation, isolated engine compartment and remote cooling technology enable the KL45FQ to have an industry low 55 dBA sound level, now that's low!

DEEP SEA CONTROLLER - standard

Equipped with easy to use Deep Sea Electronics controller keeps track of all vital stats such as fuel levels, run time and start logs.

Main status and instrumentation display

Four configurable LEDs

Menu navigation buttons

Engage breaker (in parallel option)

Open generator (in parallel option)

Mute alarm/lamp test

Select stop mode

Start engine (when in manual mode)

Select manual mode

Select auto mode

VSI TECHNOLOGY - standard

The FQ Series cooling system, thanks to VSi (Variable Speed inverter) technology, manages the flow of cooling air in a very innovative way. The air flows are adjusted according to the load of energy to be produced and the existing ambient temperature.

Air Outlet

Air Outlet

VSi

Air Inlet

Air Flow

VSi