

# MOVIE MASTER SERIES

GENERATORS FOR THE ENTERTAINMENT WORLD



**VSi**  
technology  
VARIABLE SPEED  
INVERTER

FILMING  
INDUSTRY

58  
dBA  
7m

58  
dBA  
7m



## Models

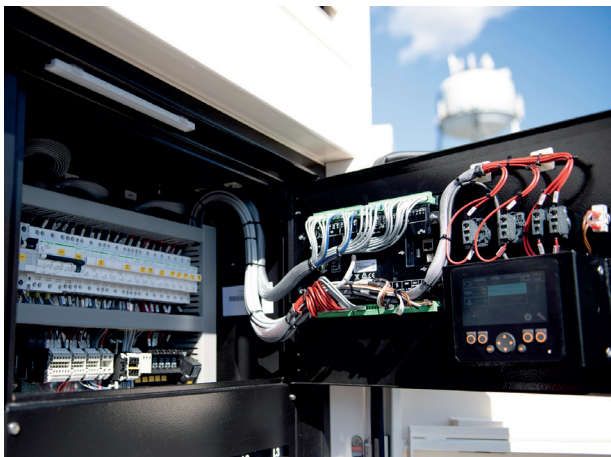
### FP1400FQ-S | FP1600FQ-S

## FEATURES

- All steel - powder coated inside and out
- 12 large doors for complete unit maintenance access
- No operating doors for venting – patented VSi technology creating true sound level of 50 dBA @ 45'
- Same canopy on standard design for current trailers and replacement of current units. Reuse existing trailers, will bolt right on
- Standard studio lifting eyes
- External connections for fuel
- Standard colors white and black (Request custom paint at no additional charge)
- 2/3 pitch alternator
- Alternator starting boost
- 0.25% +/- frequency regulation
- 3 gallons per hour more fuel efficient than competition



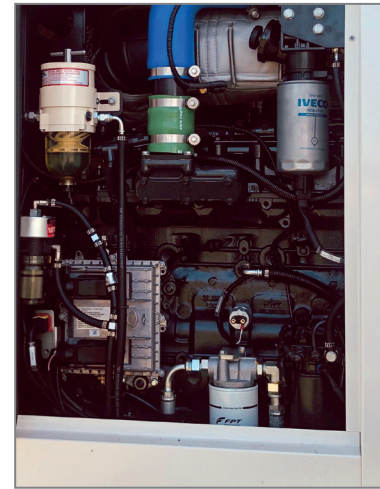
12 access doors for easy maintenance



Easy access to labeled wiring and breakers



FPT NEF tier 4F engines



DEF, no DPF



3 position voltage selector switch & parallel

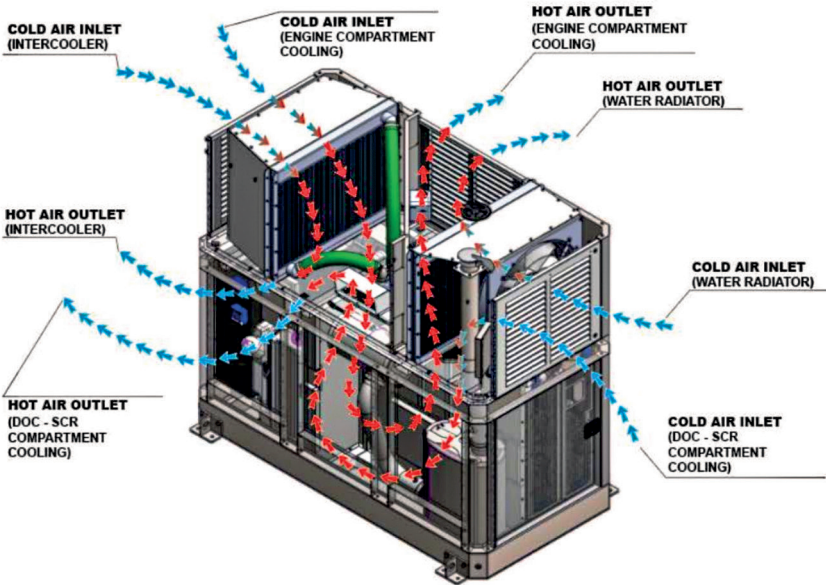


No venting eliminates the sound

## STANDARD EQUIPMENT

- 3 Position voltage selector switch
- Battery charger
- Battery disconnect
- Parallel with DSE8610 controller
- 6 rows of cams (female)
- 2 additional neutral (male)
- 2 additional ground (male)
- 2 - 100A Bates (120V)
- 2 - 100A Bates (240V)
- Lighted control panel
- Lighted engine compartment
- 2 - 20A courtesy outlets
- All switches (no keys)
- All Hubbell USA electrical components
- Digital meters for reading amperage voltage frequency
- DSE890 GPS Module
- Emergency stop switch
- Designed for optional trailer with 230 gallon fuel cell
- Dual AVR
- External DEF fill

## PATENTED VSI COOLING TECHNOLOGY

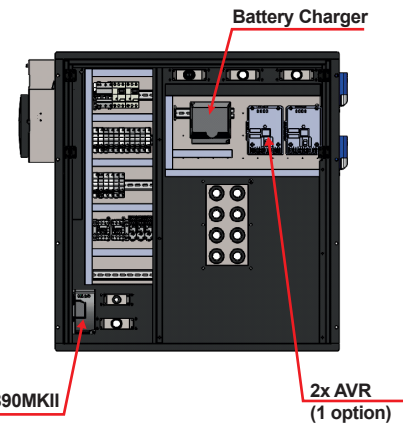


The **MOVIE MASTER** series generators by **TECNOGEN** incorporate their patented VSi technology.

**VSi** (Variable Speed inverters) 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 fans require more horsepower and consume more fuel than TecnoGen VSi cooled units.

The specially designed **FQ** canopies and containers are designed to meet max operating ambient temperature of 120oF at continuous load. By using the VSi technology to adjust the fans to only cool as necessary to maintain proper temperature, **TECNOGEN** creates one of the most fuel efficient and quietest generators on the market.

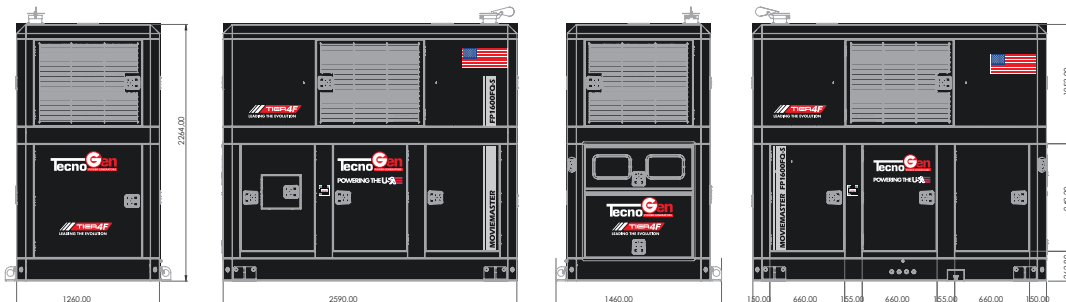
## CONTROL PANEL



Control panel with two door opening options

Control panel internal layout

## WEIGHTS AND DIMENSIONS



# MOVIE MASTER SERIES SPECIFICATIONS

MODEL	FP1400FQ	FP1600FQ
SERIES	FQ	FQ
<b>GENERATOR SPECS</b>		
PRIME (kW)	160	184
STANDBY (kW)	176	204
RPM	1800	1800
VOLTAGE 1PH	120V/240V	120V/240V
VOLTAGE 3PH	208V/240V/480V	208V/240V/480V
FREQUENCY (Hz)	60	60
CONTROLLER BRAND	Deep Sea	Deep Sea
CONTROLLER MODEL	DSE8610	DSE8610
ALTERNATOR MAKE	Leroy Somer	Leroy Somer
ALTERNATOR MODEL	LSA 44.3L12	LSA 44.3L12
SYSTEM VOLTAGE	24V	24V
SOUND LEVEL @ 45 FEET - No load	50	50
<b>AMPS</b>		
SINGLE PHASE 120V zz	604x2 zz	604x2 zz
SINGLE PHASE 240V	604	604
THREE PHASE 208V	555	639
THREE PHASE 240V	482	554
THREE PHASE 480V	241	277
<b>ENGINE SPECS</b>		
MAKE	FPT	FPT
MODEL	NEFN67	NEFN67
EPA LEVEL	Tier 4	Tier 4
No. Cylinders	6	6
GROSS HP	237	272
EXTERNAL FUEL VALVE	YES	YES
FUEL CONTAINMENT	110%	110%
<b>FUEL CONSUMPTION</b>		
75%	8.09 gal/h	9.31 gal/h
100%	10.77 gal/hr	12.34 gal/hr
<b>DEF</b>		
DEF TANK CAPACITY (Gallons)	20	20
<b>WEIGHTS AND DIMENSIONS SKID UNIT</b>		
Dry WEIGHT (lbs.)	7165	7165
Total WEIGHT (lbs.)	N/A	N/A
LENGTH (in.)	102	102
WIDTH (in.)	49	49
HEIGHT (in.)	89	89
<b>WEIGHTS AND DIMENSIONS IN TRAILER</b>		
Dry WEIGHT (lbs.)	10365	10365
Wet WEIGHT (lbs.)	11998	11998
LENGTH (in.)	176	176
WIDTH (in.)	72	72
HEIGHT (in.)	121	121

