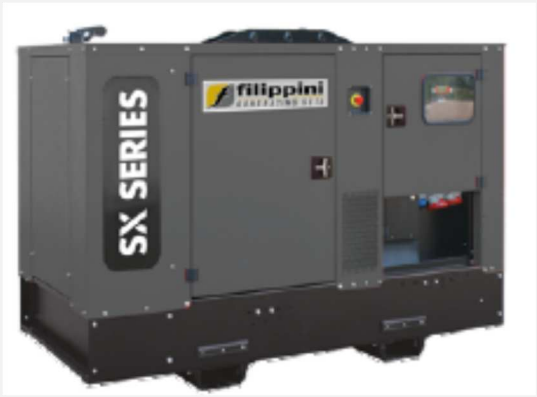
filippini GENERATING SETS

SX SERIES

GENERATING SET — 50 Hz — F-KL50TSX_V

Voltage(double)	Volt	400/230 230V threephase
Current	A	400V 230V 3P
		57,6A 100A
Prime power	kVA	42
Stand by power	kVA	46
Power factor		0,8
Prime power	kWe	33,6
Stand-by Power	kWe	36,8



STAGE V LEADING THE EVOLUTION

GENERAL DATA

Fuel consumption 70% load	6,9 l/h
Bunded fuel tank	185 l ADBlue Tank***
Weight	1200 kg
Dimensions	230 x 115 x 160 cm

The **FILIPPINI SX** Super Silent canopy has been designed to achieve maximum noise level reduction as well as a perfect cooling of the engine. The exhaust gas silencer is of residential type and mounted internally. A very special attention is brought to the canopies made of hot galvanized carbon sheet steel pre-treated before being powder coated. They are very compact and with remarkable technical solutions specific for the needs of the rental sector, also suitable in tropical environments **68 dB(A)**

ENGINE	rpm	1500
Model		KOHLER. KDI2504TCR CAC
Prime power	KWm	41,8
Stand by power	KWm	46
Aspiration		Turbocharged
Cooling system		Water
Speed governor		Electronic
Cylinders number		4
Displacement		2.482 cm^3
Bore x stroke		88 X 102 mm

ALTERNATOR	rpm	1500	
Model		LEROY-SOMER Nidec LSA42.3S5	
Prime power **40°C**		40kVA	
Max efficiency		90,8 %	
Exciter		**Brushless** – Diode bridge	
Wires		12	
Short-circuit current		300%: 10 s	
Poles	Phases	4	3+N 400V Y 230V 3-P Δ
Insulation	Protection	H	IP 23
Voltage regulat.	AVR	± 0,25%	D 350 AREP

Equipment

- Bunded fuel tank with optical level indicator
- Leakage sensor
- Fuel divertor valve for external tank supply
- Start battery 12Vdc with disconn. switch
- Oil extraction pump
- Engine preheater 500W
- Internal lighting system

Electric manual panel ACP7310AUS

Control panel on board of genset

- DSE7310 controller
- 4x63A circuit breaker
- Microswitch alarm for door opening
- 3 socket kit [1x63A 400V – 1x32A 400V – 1x16A 230V)
- 16A plug external supply for preheater

DSE7310 controller

- Emergency stop button
- Terminal strip
- **2-position voltage selector switch: T400V and T230V mounted inside the panel**

PROTECTIONS
- Low oil pressure
- High water temperature
- Low fuel level
- Fail to start – Fail to stop
- Over/Under frequency
- Over/Under voltage

DIGITAL MEASURES
- Genset Voltage (3Ph)
- Genset current (3Ph)
- Genset frequency
- kW – kVA – Cosϕ – RPM
- Operating hours
- Battery voltage

INDICATORS
- Genset voltage
- Engine running