




GENERATING SET


50 Hz

F-KL110TSX_V


Voltage(double)	Volt	400/230 230V threephase
Current	A	400V 230V 3P
		144A 251A
Prime power	kVA	100
Stand by power	kVA	110
Power factor		0,8
Prime power	kWe	80
Stand-by Power	kWe	88


GENERAL DATA

Fuel consumption 70% load		14,6 l/h
Bunded fuel tank		185 l AdBlue tank 16 l
Weight		1700 kg
Dimensions		255 x 115 x 165 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	ALTERNATOR	rpm	1500
Model		KOHLER KDI3404TCR SCR	Model		LEROY-SOMER Nider LSA44.3S5
Prime power	KWm	89,7	Prime power 40°C		100kVA
Stand by power	KWm	98,7	Max efficiency		92,3 %
Aspiration		Turbocharged	Exciter		Brushless – Diode bridge
Cooling system		Water	Wires		12
Speed governor		Electronic	Short-circuit current		300%: 10 s
Cylinders number		4	Poles	Phases	4 3+N 400V Y 230V 3-P Δ
Displacement		3.400 cm³	Insulation	Protection	H IP 23
Bore x stroke		88 X 102 mm	Voltage regulat.	AVR	± 0,25% D 350 AREP

Equipment	Electric manual panel ACP7310AUS	DSE7310 controller 
<ul style="list-style-type: none"> 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 	Control panel on board of genset <ul style="list-style-type: none"> DSE7310 controller 4x250A circuit breaker Microswitch alarm for door opening 3 socket kit [1x63A 400V – 1x32A 400V – 1x16A 230V) 16A plug external supply for preheater 	<ul style="list-style-type: none"> Emergency stop button Terminal strip 2-position voltage selector switch: T400V and T230V mounted inside the panel
PROTECTIONS <ul style="list-style-type: none"> Low oil pressure High water temperature Low fuel level Fail to start – Fail to stop Over/Under frequency Over/Under voltage 	DIGITAL MEASURES <ul style="list-style-type: none"> Genset Voltage (3Ph) Genset current (3Ph) Genset frequency kW – kVA – Cosφ – RPM Operating hours Battery voltage 	INDICATORS <ul style="list-style-type: none"> Genset voltage Engine running