filippini
GENERATING SETS

F-MI45TKSS Soundproofed
For stationary application

GENERATING SET

Voltage	Volt	50 Hz	230V 3-ph
Current	A		100
Prime power (PRP)	kVA		40
Stand by power (LTP)	kVA		44
Nominal power factor			cos φ 0,8
Prime power (PRP)	kWe		32
Stand by power (LTP)	KWe		35,2
Fuel consumption at 70% load			7,0 l/h
Lifting points			From base frame

67 dBA

The **FILIPPINI TKSS** 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. 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.

LOGISTIC INFORMATION

Bunded fuel tank	l	120
Weight	Kg	905
Dimensions	H/L/W	200x950x150 cm

ENGINE rpm		1500	ALTERNATOR	Rpm		1500

MITSUBISHI HEAVY INDUSTRIES, LTD.			LEROY-SOMER Nidec			
S4S DT SD Unregulated			**LSA42.3 S5**			
Engine power PRP	KWm	27,5	Continuous duty		40 Kva	
Engine power LTP	KWm	30,5	Max. efficiency		90,5 %	
Aspiration		Natural	Exciter		**Brushless** – diode bridge	
Cooling		Water	Wires		6	
Speed governor		Mechanical	Short circuit currnet		300%: 10 s	
N. cylinders		4	Poles	Phases	4	3+ N
Displacement		3,31 L	Isolation	Protection	H	IP 23
Oil sump capacity		10L	Voltage regulator		± 1%	Electronic

Standard supply	Automatic panel	ATS panel supplied in separate cabinet
• Bunded fuel tank • Fuel cap with level indicator • Start battery 12 Vdc • Engine water heater 500W • Manual oil extraction pump	AMF panel on board of genset **ACP7320AMF** • DSE7320 controller • **100A circuit breaker** • Emergency stop button • Battery charger	• Electric contactors 100A • Mechanical interlock • Terminal strip • Auxiliary terminals

PROTECTIONS	DIGITAL MEASURES	INDICATORS
▪Low oil pressure ▪High water temperature ▪Low fuel level ▪Fail to Start ▪Fail to Stop ▪Emergency Stop ▪Over/under GE frequency ▪Over/under GE voltage ▪Over/under speed ▪Fuel level / Belt break ▪Over/under battery voltage	▪Generator Volt (3Ph) ▪Generator Amp (3Ph) ▪Generator frequency ▪kW ▪kVA ▪Cosφ meter /RPM meter ▪Operating hours ▪Battery Volt ▪Mains frequency ▪Charging voltage ▪Start attempts - ▪Fuel level %	▪Generator/Mains presence ▪Mains contactor closed ▪Generator contactor closed ▪Engine running