

ENGEL



A LEGEND IN RELIABILITY®

SHX8000Di Diesel Inverter Generator 7.5Kva

- Pure Sine Wave Inverter
- Tight Voltage & Frequency Control
- Low Noise Level
- Variable Speed — Load Matching
- Lightweight Compact Design
- Made in Japan



SPECIFICATIONS

MODEL NAME		SHX8000Di		
FREQUENCY (Hz)		50 or 60		
ALTERNATOR	OUTPUT	MAXIMUM (kVA/kW)	7.5	
		RATED (kVA/kW)	7.0	
	VOLTAGE (V)		110/120/220/230/240	
	CURRENT (A)		31.8/29.2/31.8/30.4/29.1	
	NO. OF PHASES		SINGLE PHASE (2-WIRE)	
	POWER FACTOR (AT RATED POWER, cos φ)		1.0	
	INSULATION CLASS		B	
	NO. OF POLES		MULTI POLES	
EXCITATION TYPE		PMG EXCITED		
INVERTER	CONTROL METHOD		CVCF (VOLTAGE AND FREQUENCY CONTROL)	
	VOLTAGE WAVE FORM		SINE WAVE	
ENGINE	MAKE		YANMAR	
	MODEL NAME		2TNV70 - ASG	
	NO. OF CYLINDERS, BORE × STROKE (mm)		2 - 70 × 74	
	CONTINUOUS RATED OUTPUT (kW/rpm)		8.5 / 3600	
	RATED OUTPUT (kW/rpm)		9.3 / 3600	
	ENGINE SPEED (rpm)		2300 - 3400, VARIABLE	
	DISPLACEMENT (cc)		570	
	FUEL TYPE		DIESEL (BS2869A1 OR EQUIVALENT)	
	INJECTION TYPE		INDIRECT INJECTION (IDI)	
	COOLING TYPE		RADIATOR	
	ASPIRATION TYPE		NATURAL ASPIRATION	
	LUBRICATION TYPE		FORCED LUBRICATION BYT ROCHOIDAL PUMP	
	LUBRICANT TYPE		SAE10W-30, APICLASS:CD OR UPPER GRADE	
	COOLANT VOLUMES	ENGINE (L)	0.9	
		RADIATOR (L)	1.6	
	LUBRICANT VOLUMES	TOTAL (L)	2.2	
		MINIMUM (L)	1.0	
	STARTER (V-kW)		12-1.0	
	CHARGING ALTERNATOR (V-A)		12-40	
	BATTERY TYPE (5HR) (V-AH)		12-36(55B24L)	
FUEL CONSUMPTION (L/Hr)	AT 25% LOAD	1.1		
	AT 50% LOAD	1.6		
	AT 75% LOAD	2.2		
	AT 100% LOAD	3.0		
ENGINE STARTING METHOD		ELECTRIC STARTER		
L X W X H (mm)		1080 X 647 X 686		
DRY WEIGHT (kg)		257		
FUEL TANK CAPACITY		32		
NOISE LEVEL [dB(A)/7m]	AT 50% LOAD	63.5		
	AT 75% LOAD	65.5		
	AT 100% LOAD	67.5		

Compliant with ISO9001 / Specifications are subject to change without notice

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