

RATING		PRP	ESP
POWER	KVA	120	130
POWER	KW	96	104
RATED SPEED	RPM	1500	
VOLTAGE	V	400/230	

## ENGINE SPECIFICATIONS

MANUFACTURER	FPT-IVECO		COOLING SYSTEM	COOLANT	
MODEL	NEF45TM3		LUBE OIL SPEC	ACEA E3, E5	
RATED OUTPUT PRP	kWm	107	COMPRESSION RATIO	17.5:1	
RATED OUTPUT ESP	kWm	118	LUBE OIL	%	.05% OF FUEL CONS
INJECTION TYPE	DIRECT		CONSUMPTION		
ASPIRATION	TURBOCHARGED & AFTER-COOLED		OIL CAPACITY	L	12.8
NUMBER OF CYLINDERS	4		COOLANT CAPACITY	L	18.5
CYLINDER ARRANGEMENT	L		GOVERNOR	TYPE	MECH & ELECT
BORE & STROKE	mm	104 X 132	AIR FILTER	TYPE	DRY
DISPLACEMENT	L	4.5	STEP LOAD	%	60
EENGINE SPEED	RPM	1,500	PERFORMANCE	kW	57.6
			(according to class G2)		

## ALTERNATOR SPECIFICATIONS

MANUFACTURER	STAMFORD		ENCLOSURE	IP23	
MODEL	UCI274D		EXCITER	SELF-EXCITED	
POLES	NO.	4	VOLTAGE REGULATOR	AVR	
CONNECTION TYPE	STAR - SERIES		BRACKET TYPE	SINGLE BEARING	
MOUNTING TYPE	S3 11"1/2		COUPLING SYSTEM	FLEXIBLE DISC	
INSULATION	CLASS	H	COATING TYPE	STANDARD	

## WEIGHT & DIMENSIONS

LENGTH	mm	2750
WIDTH	mm	1100
HEIGHT	mm	1760
WEIGHT WITH LIQUIDS NO FUEL	kg	1728
FUEL TANK	L	240

## FUEL CONSUMPTION

	L/h	g/Kwh
100% PRP	27.6	-
75% PRP	19.6	-
50% PRP	14.4	-