



SERVICE		PRP	ESP
POWER	kVA	300	330
POWER	kW	240	264
RATED SPEED	r.p.m.	1.500	
STANDARD VOLTAGE	V	400/230	
AVAILABLE VOLTAGES	V	230/132 · 230 V (t)	
RATED AT POWER FACTOR	Cos Phi	0,8	



## INDUSTRIAL RANGE

- 2006/42/CE Machinery safety.
- 2014/30/UE Electromagnetic compatibility.
- 2014/35/UE electrical equipment designed for use within certain voltage limits
- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC)
- 97/68/EC Emissions of gaseous and particulate pollutants. (amended by 2012/46/EU)
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2018 normative: 1000 mbar, 25°C, 30% relative humidity.

### Prime Power (PRP):

According to ISO 8528-1:2018, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

### Emergency Standby Power (ESP):

According to ISO 8528-1:2018, Emergency standby power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP

G2 class load acceptance in accordance with ISO 8528-5:2013



## OPEN SKID



K7



WATER-COOLED



THREE PHASE



50 HZ



STAGE 3A



DIESEL

Weights and dimensions based on standard products. Illustrations may include optional equipment.

Technical data described in this catalogue correspond to the available information at the moment of printing.

The illustrations and images are indicative and may not coincide in their entirety with the product.

Industrial design under patent.



## Engine Specifications | 1.500 r.p.m.

Rated Output (PRP)	kW	262
Rated Output (ESP)	kW	292
Manufacturer	FPT_IVECO	
Model	C87TE4F	
Engine Type	4-stroke diesel	
Injection Type	Direct, common rail	
Aspiration Type	Turbocharged and after-cooled	
Number of cylinders and arrangement	6-L	
Bore and Stroke	mm	117 x 135
Displacement	L	8,7
Cooling System	Coolant	
Lube Oil Specifications	ACEA E3 - E5	
Compression Ratio	16,5:1	

Fuel Consumption ESP	l/h	74,5
Fuel Consumption 100% PRP	l/h	68,6
Fuel Consumption 80 % PRP	l/h	55,6
Fuel Consumption 50 % PRP	l/h	35,6
Total oil capacity including tubes, filters	L	28
Total coolant capacity	L	63
Heat dissipated by coolant	kW	120
Governor	Type	Electrical
Air Filter	Type	Dry



- Diesel engine
- 4-stroke cycle
- Water-cooled
- 24V electrical system
- Water separator filter (no visible level)
- Dry air filter
- Radiator with pusher fan
- HTW sender
- LOP sender
- Electronic governor
- Hot parts protection
- Moving parts protection



## Generator Specifications | Leroy Somer / Stamford

Manufacturer	Leroy Somer / Stamford	
Model	LSA46.3L10/ HCI434D/444D	
Poles	No.	4
Connection type (standard)	Star-series	
Mounting type	S-1 14"	
Insulation	Class	H class

Enclosure (according IEC-34-5)	IP23
Exciter system	Self-excited, brushless
Voltage regulator	A.V.R. (Electronic)
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)



- Self-excited and self-regulated
- 4 poles
- IP23 protection
- H class insulation

## WEIGHT AND DIMENSIONS

		Standard Version
Length (L)	mm	3.000
Height (H)	mm	1.790
Width (W)	mm	1.160
Maximum shipping volume	m <sup>3</sup>	6,23
Weight with liquids in radiator and sump	Kg	2542
Fuel tank capacity	L	449
Autonomy	Hours	8

## APPLICATION DATA

### EXHAUST SYSTEM

Maximum exhaust temperature	°C	511
Exhaust Gas Flow	kg/s	0,43
Maximum allowed back pressure	kPa	10
Heat dissipated by exhaust pipe	kW	218

### NECESSARY AMOUNT OF AIR

Intake air flow	m <sup>3</sup> /h	1240
Cooling Air Flow	m <sup>3</sup> /s	5,14
Alternator fan air flow	m <sup>3</sup> /s	0,533

### STARTING SYSTEM

Starting power	KW	4,5
Starting power	CV	6,12
Auxiliary Voltage	Vdc	24

### FUEL SYSTEM

Fuel Oil Specifications	Diesel	
Fuel Tank	L	449



## Open set version

- Steel chassis
- Emergency stop button
- Oil sump extraction kit
- Anti-vibration shock absorbers
- Chassis with integrated fuel tank
- Fuel level gauge
- High mechanical strength
- Epoxy polyester powder coating
- Fuel tank drain plug
- Steel industrial silencer -15db(A) attenuation
- Fuel transfer pump (Opcional).
- Steel residential silencer -35db(A) attenuation. (Opcional).