

Technical Data of Engine: **MAN D2676 LE 221**

MAN



Cylinders	: 4 Stroke, 6 Cylinder In-line Diesel Engine
Aspiration	: Exhaust Turbocharger
Monitor	: MFR-Display for monitoring and control the engine via CAN including Display cable
Injection	: Common Rail with EDC7 C32
Displacement	: 12.42 L
Cooling	: Water-cooled with Intercooler
Oil Consumption (average/max)	: 60/120 g/h
Lube oil Capacity	: 40 L
Coolant Capacity	: 58 L
Governor	: Electronically
Emission Standard	: Stage 2 EU 97/68 EG
Speed	: 1500 rpm
Mechanical Output	: 360 kW / 450kVA
Fuel Con. 100% Load	: 196 g/kWh / 83 l/h
Radiator Cooling Air Flow	: 15840 m ³ /h
Exhaust Gas Air Flow	: 4037 m ³ /h

Technical Data of Alternator: **Leroy-Somer TAL047 A**

Leroy-Somer™



Model Option 1	: Leroy Somers TAL 047A
Option 2	: As per customer request
AVR type	: R150
Voltage regulation	: +/- 1%
International Protection	: IP 23
Insulation Class	: H
Terminals	: 4 Terminal Plate
Connection	: Star and Delta
Frequency	: 50-60 Hz (as per customer request)
Coolant Air Flow	: 0.9-1.1 m ³ /s

Control Panel: **DSE7320**



Automatic Start Control	: 1% of Full scale true RMS Sensing
USB Port	
kWh monitoring	
kW overload protection	

Rating of Electro Pack: **EP 400.**

EP 400 Rating @ 0.8PF		Prime Rating	Standby Rating
Voltage / Connection (Y-Δ)	Freq. / Speed	EP 400	
400 – 230 V	50 Hz – 1500 R.P.M	410 kVA	450 kVA
380 – 220 V	60 Hz – 1800 R.P.M	450 kVA	495 kVA

1. The applicable voltage range is 400 - 230V for 50Hz, and 380 - 220V for 60Hz.
2. This generating set is switchable from 1500 rpm to 1800 rpm.
3. 410kVA is the Prime Power rating of this power generating set, where a variable load and unlimited hours usage are applied. Average load factor is 80% of prime power in every 24H.
4. 450kVA is the Standby Power rating of this power generating set, where a variable limited to an annual usage of up to 500Hours is applied. No overload being permitted.

