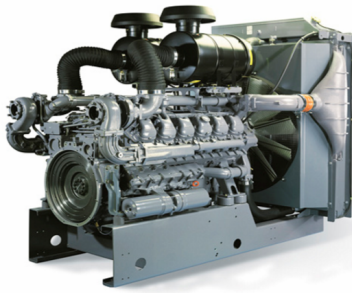


Technical Data of Engine: **MAN D2842 LE 211**

MAN



Cylinders	: 4 Stroke, 12 Cylinder V Diesel Engine
Aspiration	: Exhaust Turbocharger
Injection	: Bosch in-line pump, with integrated electromagnetic actuator
Displacement	: 21.92 L
Cooling	: Water-cooled with Intercooler
Oil Consumption (max)	: 585 g/h
Lube oil Capacity	: 32 L
Coolant Capacity	: 98 L
Governor	: GAC ESD 555 CE
Speed	: 1500 rpm
Mechanical Output	: 543 kWh / 678 kVA
Fuel Con. 100% Load	: 202 g/kWh / 129 l/h
Radiator Cooling Air Flow	: 35780 m³/h
Exhaust Gas Air Flow	: 6935 m³/h

Technical Data of Alternator: **Leroy-Somer TAL049 B**

Leroy-Somer



Model Option 1	: Leroy Somers TAL 049B
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	: 1-1.2 m³/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 690.**

EP 690 Rating @ 0.8PF		Prime Rating	Standby Rating
Voltage / Connection (Y-Δ)	Freq. / Speed	EP 690	
400 – 230 V	50 Hz – 1500 R.P.M	730 kVA	805 kVA
380 – 220 V	60 Hz – 1800 R.P.M	725 kVA	800 kVA

1. The applicable voltage range is 400V - 230V for 50Hz applications and 380V - 220V for 60Hz.
2. This generating set is switchable from 1500rpm to 1800rpm.
3. 730kVA 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. 805kVA 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.

