



# Zahrat Ajman Co.

## P650 - P715(S)

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*1	Frequency*2	P 650*3	P 715S*4
230/400 V	50 Hz	650 KVA	715 KVA
277/480v	60Hz	640KVA	707 KVA

The above ratings represent the generating set capability guaranteed within  $\pm 3\%$  at the reference conditions equivalent to those specified in ISO 8528/1

### Gensets Medium Range



### Technical

<b>Engine model</b>	<b>Perkins 2806A-E18TAG2</b>	
Cylinders	6 - vertical in-line	
Aspiration	Turbocharged & A/A charge cooled	
Combustion	Direct injection	
Cooling System	Water cooled	
Displacement	18.1 liters	
Oil consumption	0.1 % of fuel consumption	
Lube oil capacity	62 liters	
Coolant capacity	61 liters	
Governor	Electronic	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	132 L/H	127 L/H
Fuel Consumption @ 75% Load	97 L/H	95 L/H
Fuel Consumption @ 50% Load	66 L/H	66 L/H
Radiator Cooling Air Flow	702 m3/min	852 m3/min
Max exhaust gas flow	114 m3/min	118 m3/min
Emissions regulations	For unregulated territories	

### Dimensions

<b>Length</b>	3940 mm
<b>Width</b>	1550 mm
<b>Height</b>	2100 mm
<b>Weight</b>	4760 Kg

The above performance data are valid as per the following specs:

- Diesel Fuel is according to BS2869 Class A2 or equivalent.
- Lubricating oil is according to API CI4 (15W/40).
- The coolant should be 50% antifreeze and 50% distilled water.

<b>Alternator model</b>	<b>Leroy Somer LSA 49.1 S4</b>	
Regulation	$\pm 0.5\%$	
International protection	IP23	
Insulation class	H	
Terminals	6	
Frequency	50 Hz	60 Hz
Coolant Air flow	1.0 m3/s	1.2 m3/s



Image shown may not reflect actual package

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