KC2300– KC2530S (60 Hz)

Ratings @ 0.8 PF		Prime Rating	Stand by Rating
Voltage*1	Frequency*2	KC2300*3	KC2530S*4
220/380 V	60 Hz	2300 kVA	2530 kVA

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

Dimensions	
Length	6000 mm
Width	2300 mm
Height	2500 mm
Weight	15900 Kg

Notes

1. The applicable voltage range is 220V, 380V to 480V for 60Hz applications. For other voltages, please consult factory.

2.This generating set is of fixed speed of 1800 rpm.

3.KC2300 is the prime power rating of the generating set is where a variable load and unlimited hour usage are applied with an average load factor of 80% of the prime rating over each 24-hour period. Noting that a 10% overload is permitted for 1 hour in every 12-hour operation.

4.KC2530S is the standby power rating of the generating set is where a variable load limited to an annual usage up to 500 hours is applied, with 300 hours of which may be continuous running. Noting that no overload is permitted.

Engine Technical Data

Make & Model	CUMMINS QSK60-G6		
Cylinders & Arrangement	16; 60° Vee		
Bore & Stroke (mm)	159 x 190		
Induction system	Turbo Charged & Aftercooled		
Combustion	Direct injection		
Cycle	4 stroke		
Compression ratio	14.5:1		
Cooling System	Water cooled		
Displacement	60.2 liters		
Lube oil capacity	280 liters Max		
Coolant capacity	490 liters		
Standard governor (Optional)	Electronic		
Engine Speed	1800 rpm		
Fuel Consumption (L/H) @ 100% Load	466	@ 50% Load	247
Fuel Consumption (L/H) @ 75% Load	356	@ 25% Load	144
Radiator Cooling Air Flow (m^3/s)	34		
Emissions regulations	For non-regulated territories		
Exhaust temperature °C (max)	460		
Max exhaust gas flow (m^3/min)	399		
Max. allowed back pressure (kPa)	6.8		

The above performance data are valid as per the following specs:
- Diesel Fuel is accorg to BS2869 Class A2 or equivalent.
- Lubricating oil is according to Grade SAE 15W-40 API CI4.
- The coolant should be 50% antifreeze and 50% fresh water.

Alternator Technical Data

Make & Model	Leroy Somer OR Stanford LSA52.3S6 (8S)		
Frequency / No. of poles	60Hz / 4P	Winding pitch	2/3
Ingress protection	IP23	AVR model	D 510C
Insulation class	H	Overspeed	2250 R.P.M.
Terminals (Optional)	6 (12)	Voltage regulation	± 0.5 %
Excitation system	AREP + PMI	Coolant air flow	2.8 m^3/s

+965 97763407 support@kontrolc.com 2nd floor Dar Al Awadi, Ahmed Jaber Street, Sharq, Kuwait