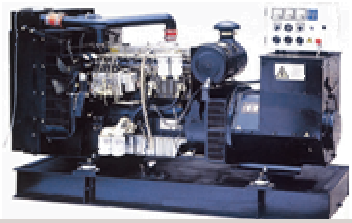
Immortal Energy

Xtantis GENERATORS



XC600-750

Genset *Standby Model*	**XC 670S**	**Genset *Prime Model***	**XC 600**
Standby Output	**670 KW / 838 KVA**	**Prime Output**	**600 KW / 750 KVA**

RATING DEFINITIONS

Prime Power Model XC with no Suffix

Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1. A 10% overload capability is available for a period of 1 hour within 12-hour period of operation, in accordance with ISO 3046-1 and BS5514.

Alternator Model: SLG404G

Prime Output	600 KW /750 KVA
Power Efficiency	93.7%
Voltage Regulation	±1.0% with 4% engine governing
Waveform Distortion	No load <1,5% and non-distorting balanced linear load <5%
THF/TIF	<2%/<50
Fan Cooling Air Flow (l/s)	1614

Dimensions and masses

Length	**mm**	**4570**
Width	**mm**	**1750**
Height	**mm**	**2250**
Net Mass	**kg**	**8950**

Technical Data

Diesel Engine Model: Cummins KTA38-G2

Engine Characters	Water-cooled, in line, 12 cylinders, direct injection, wet cylinder liner 1500 rpm
Prime Output (KW)	664
Standby Output (KW)	731
Aspiration	Turbocharged and air cooled
Bore (mm) x Stroke (mm)	159 x 159
Cubic Capacity (litres)	38
Piston Speed (m/s)	7.9
Compression Ratio	14.5:1
Cooling System Volume	202
Maximum Water Temp	100℃

Speed Characteristics	The speed bandwidth ≤+0.25%. The steady governing rate <1%
Fuel Consumption (l/h)	167
Lube Consumption (prime)	≤ 1.36g/KWh
Radiated Heat to Ambient	101
Heat Rejection to Coolant	407
Heat Rejection to Exhaust	511
Fan Cooling Air Flow	109530 m^3/min
Intake Air Flow (l/s)	850
Exhaust Gas Flow	8632 m^3/h
Exhaust Temperature	541 ℃
Exhaust Back Pressure	10 KPA (maximum)