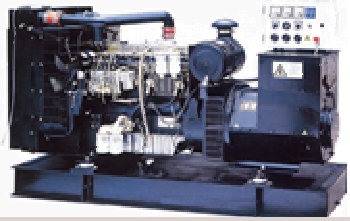
Immortal Energy

Xtantis GENERATORS



XC400-500

Genset *Standby Model*	**XC 440S**	**Genset *Prime Model***	**XC 400**
Standby Output	**440 KW / 550 KVA**	**Prime Output**	**400 KW / 500 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: SLG404D

Prime Output	400 /KW / 500 KVA
Power Efficiency	94.1 %
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)	1035

Dimensions and masses

Length	**mm**	**3670**
Width	**mm**	**1220**
Height	**mm**	**1900**
Net Mass	**kg**	**4800**

Technical Data

Diesel Engine Model: Cummins KTA19-G4

Engine Characters	Water-cooled, in line, 6 cylinders, direct injection, wet cylinder liner 1500 rpm
Prime Output (KW)	436
Standby Output (KW)	492
Aspiration	Turbocharged and after cooled
Bore (mm) x Stroke (mm)	159 x 159
Cubic Capacity (litres)	19
Piston Speed (m/s)	7.9
Compression Ratio	13.9:1
Cooling System Volume	91
Maximum Water Temp	100℃

Speed Characteristics	The speed bandwidth ≤+0.25%. The steady governing rate <1%
Fuel Consumption (l/h)	104
Lube Consumption (prime)	≤ 1. 36g/KWh
Radiated Heat to Ambient	64
Heat Rejection to Coolant	240
Heat Rejection to Exhaust	319
Fan Cooling Air Flow	35280 m^3/min
Intake Air Flow (l/s)	532
Exhaust Gas Flow	5162 m^3/h
Exhaust Temperature	528 ℃
Exhaust Back Pressure	10 KPA (maximum)