



# XC360-450

**Genset Standby Model**  
**Standby Output**

**XC 400S**  
**400 KW / 500 KVA**

**Genset Prime Model**  
**Prime Output**

**XC 360**  
**360 KW / 450 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: SLG404C

<b>Prime Output</b>	360 /KW / 450 KVA
<b>Power Efficiency</b>	93.8 %
<b>Voltage Regulation</b>	±1.0% with 4% engine governing
<b>Waveform Distortion</b>	No load <1,5% and non-distorting balanced linear load <5%
<b>THF/TIF</b>	<2%/<50
<b>Fan Cooling Air Flow (l/s)</b>	1035

## Dimensions and masses

<b>Length</b>	<b>mm</b>	<b>3670</b>
<b>Width</b>	<b>mm</b>	<b>1220</b>
<b>Height</b>	<b>mm</b>	<b>1900</b>
<b>Net Mass</b>	<b>kg</b>	<b>4350</b>

## Technical Data

### Diesel Engine Model: Cummins KTA19-G3

<b>Engine Characters</b>	Water-cooled, in line, 6 cylinders, direct injection, wet cylinder liner 1500 rpm	<b>Speed Characteristics</b>	The speed bandwidth ≤+0.25%. The steady governing rate <1%
<b>Prime Output (KW)</b>	391	<b>Fuel Consumption (l/h)</b>	97
<b>Standby Output (KW)</b>	436	<b>Lube Consumption (prime)</b>	≤ 1.36g/KWh
<b>Aspiration</b>	Turbocharged and after cooled	<b>Radiated Heat to Ambient</b>	58
<b>Bore (mm) x Stroke (mm)</b>	159 x 159	<b>Heat Rejection to Coolant</b>	247
<b>Cubic Capacity (litres)</b>	19	<b>Heat Rejection to Exhaust</b>	263
<b>Piston Speed (m/s)</b>	7.9	<b>Fan Cooling Air Flow</b>	35280 m³/min
<b>Compression Ratio</b>	13.9:1	<b>Intake Air Flow (l/s)</b>	486
<b>Cooling System Volume</b>	91	<b>Exhaust Gas Flow</b>	4842 m³/h
<b>Maximum Water Temp</b>	100 °C	<b>Exhaust Temperature</b>	524 °C
		<b>Exhaust Back Pressure</b>	10 KPA (maximum)