	ChongQing Cummins Engine Company, Inc. Engine Data Sheet			ENGINE SERIES	D19	
				ENGINE MODEL	KTAA19-G6A	
	PERFORMANCE CURVE	C- CQ6061	CPL NUMBER	Dry manifold N/A	DATA SHEET	DS-CQ6061
	CONFIGURATION NUMBER	D193091DXCQ		wet manifold CQ409	SHEET	5

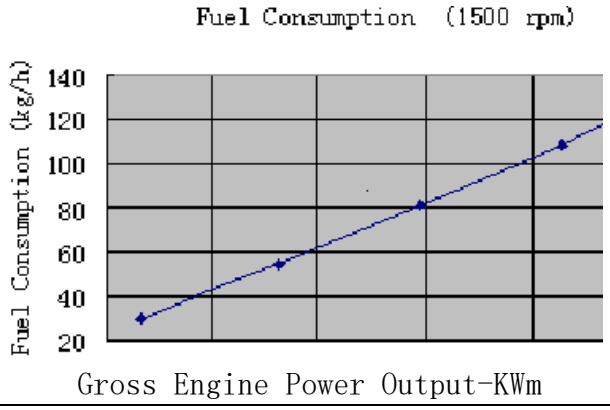
Type ..... 4 Cycle; In-line; 6 Cylinder Diesel
Displacement ..... — in ^{3} (liter) 1150 (18.9)
Aspiration..... Turbocharged and Air to Air Aftercooled
Bore x Stroke..... — in x in (mm x mm) 6.25 x 6.25 (159 x 159)
Fuel System.....PT(G)-EFC
Standby Power/Rate Speed..... ....610kW/1500r/min

All data is based on:
• Engine operating with fuel system, water pump, lubricating oil pump, air cleaner and exhaust silencer; not included are battery charging alternator, fan, and optional driven components.

Engine Speed	Standby Power		Prime Power	
RPM	kWm	BHP	kWm	BHP
1500	610	818		

FUEL CONSUMPTION

Engine Performance Data @ 1500 RPM



OUTPUT POWER			FUEL CONSUMPTION	
%	BHP	kWm	kg./hr	Liter/hr
STANDBY POWER				
	818	610	127.1	149.5
	706	527	108.6	127.8
	530	395	80.9	95.2
	353	263	54.3	63.9
	177	132	29.8	35.0
	0	0		

CONVERSIONS:
Data shown above represent gross engine performance capabilities obtained and corrected in accordance with ISO-3046 conditions of 100 kPa (29.53 in Hg) barometric pressure [110 m (361 ft) altitude], 25 °C (77 °F) air inlet temperature, and relative humidity of 30% with No. 2 diesel or a fuel corresponding to ASTM D2.See reverse side for application rating guidelines.

The fuel consumption data is based on No. 2 diesel fuel weight at 0.85 kg/litre (7.1 lbs/U.S. gal).

	ChongQing Cummins Engine Company, Inc. Engine Data Sheet			ENGINE SERIES	D19	
				ENGINE MODEL	KTAA19-G6A	
	PERFORMANCE CURVE	C- CQ6061	CPL NUMBER	Dry manifold N/A	DATA SHEET	DS-CQ6061
	CONFIGURATION NUMBER	D193091DXCQ		wet manifold CQ409	SHEET	5

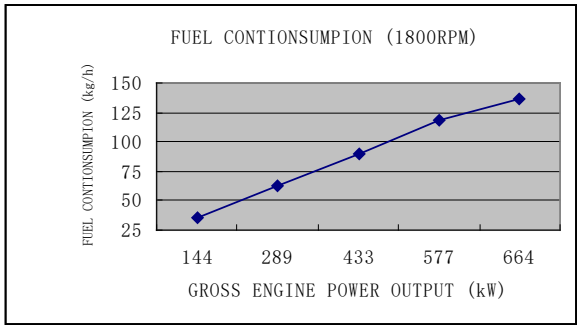
Type ..... 4 Cycle; In-line; 6 Cylinder Diesel
Displacement ..... — in ^{3} (liter) 1150 (18.9)
Aspiration..... Turbocharged and Air to Air Aftercooled
Bore x Stroke..... — in x in (mm x mm) 6.25 x 6.25 (159 x 159)
Fuel System.....PT(G)-EFC
Standby Power/Rate Speed..... .... 664kW/1800r/min

All data is based on:
• Engine operating with fuel system, water pump, lubricating oil pump, air cleaner and exhaust silencer; not included are battery charging alternator, fan, and optional driven components.

Engine Speed	Standby Power		Prime Power	
RPM	kWm	BHP	kWm	BHP
1800	664	890		

FUEL CONSUMPTION

Engine Performance Data @ 1800 RPM



Gross Engine Power Output-KWm

OUTPUT POWER			FUEL CONSUMPTION	
%	BHP	kWm	kg./hr	Liter/hr
STANDBY POWER				
	890	664	137	161.2
	773	577	119	140.0
	580	433	90.5	106.5
	387	289	62.3	73.3
	193	144	35	41.2
	0	0		

CONVERSIONS:
Data shown above represent gross engine performance capabilities obtained and corrected in accordance with ISO-3046 conditions of 100 kPa (29.53 in Hg) barometric pressure [110 m (361 ft) altitude], 25 °C (77 °F) air inlet temperature, and relative humidity of 30% with No. 2 diesel or a fuel corresponding to ASTM D2.See reverse side for application rating guidelines.

The fuel consumption data is based on No. 2 diesel fuel weight at 0.85 kg/litre (7.1 lbs/U.S. gal).