	ChongQing Cummins Engine Company, Inc. Engine Data Sheet			ENGINE SERIES	D19	
				ENGINE MODEL	KTAA19-G7	
	PERFORMANCE CURVE	C- CQ6061	CPL NUMBER	Dry manifold N/A	DATA SHEET	DS-CQ6061
	CONFIGURATION NUMBER	D193091DXCQ		wet manifold CQ409	SHEET	5

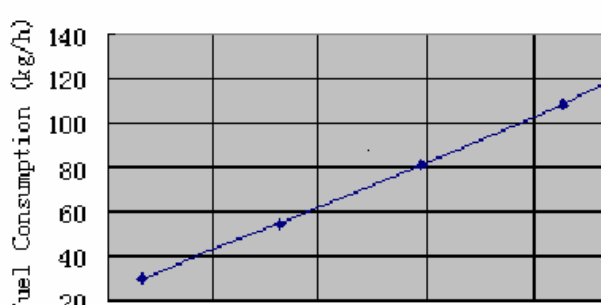
Heat Rejection to Exhaust—kW(BTU/min)	376 (21402)	329 (18727)		
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Type 4 Cycle; In-line; 6 Cylinder Diesel
Displacement — in³ (liter) 1150 (18.9)
Aspiration..... Turbocharged and Air to Air Aftercooled
Bore x Stroke..... — in x in (mm x mm) 6.25 x 6.25 (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 RPM	Standby Power		Prime Power	
	kWm	BHP	kWm	BHP
1500	610	818		

FUEL CONSUMPTION						
Engine Performance Data @ 1500 RPM		OUTPUT POWER		FUEL CONSUMPTION		
		%	BHP	kWm	kg./hr	Liter/hr
<div>Fuel Consumption (1500 rpm)</div>  <div>Gross Engine Power Output-KWm</div>		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-G7	
	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 — in³ (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 RPM	Standby Power		Prime Power	
	kWm	BHP	kWm	BHP
1800	664	890		

FUEL CONSUMPTION					
Engine Performance Data @ 1800 RPM	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			

FUEL CONTONSUMPTION (1800RPM)	
FUEL CONTONSUMPTION (kg/h)	
150	
125	
100	
75	
50	
25	
	144
	289
	433
	577
	664
	GROSS ENGINE POWER OUTPUT (kW)

Gross Engine Power Output-KWm

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).