



## KTA19-G8 Advantage Data Sheet

Cummins Inc. Columbus, Indiana 47201

Curve Number: <b>FR-4428</b>	Engine Critical Parts List: <b>CPL- 8685</b>	Date: <b>8July04</b>
Displacement: <b>18.9litre (1150 in<sup>3</sup>)</b>	Bore: <b>159 mm (6.25 in.)</b>	Stroke: <b>159 mm (6.25 in.)</b>
No. of Cylinders: <b>6</b>	Aspiration: <b>Turbocharged and Aftercooled</b>	

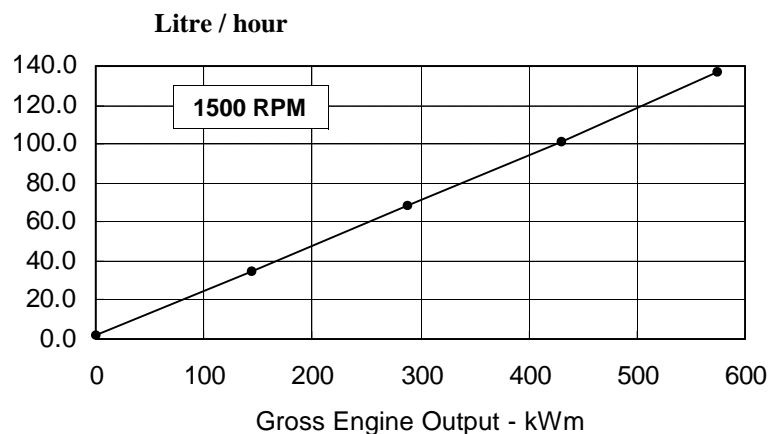
### Emergency Standby Ratings for Application in Corporate Generator Sets Only

#### Engine Ratings:

Engine Speed RPM	Standby Power	
	kWm	BHP
1500	575	771

#### Engine Performance Data @ 1500 RPM

OUTPUT POWER			FUEL CONSUMPTION			
%	kWm	BHP	kg/ kWm·h	lb/ BHP·h	litre/ hour	U.S. Gal/ hour
<b>STANDBY POWER</b>						
100	575	771	0.203	0.334	137	36.3
75	431	578	0.200	0.327	101	26.7
50	288	386	0.202	0.330	68	18.0
25	144	193	0.208	0.336	35	9.3



#### CONVERSIONS:

(Litres = U.S. Gal x 3.785)

(kWm = BHP x 0.746)

(U.S. Gal = Litres x 0.2642)

(BHP = kWm x 1.34)

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).

Power output curves are based on the engine operating with fuel system, water pump and lubricating oil pump; not included are battery charging alternator, fan, optional equipment and driven components.