

# Gas Generator Sets

H35GV I Bore: 350 mm, Stroke: 400 mm

## Main Data

Speed	720 rpm		750 rpm	
Frequency	60 Hz		50 Hz	
	Eng. (kW)	Gen. (kW)	Eng. (kW)	Gen. (kW)
12H35GV	5,760	5,558	6,000	5,790
14H35GV	6,720	6,518	7,000	6,790
16H35GV	7,680	7,449	8,000	7,760
18H35GV	8,640	8,380	9,000	8,730
20H35GV	9,600	9,312	10,000	9,700

Based on alternator efficiency of 96.5–97%.

## Heat Rate & SFOC (100% Load)

Speed	720 rpm	750 rpm
Heat Rate	7,780 kJ/kWh	7,780 kJ/kWh
Electrical Efficiency	46.3	47

\*) Note :

1) Reference condition based on ISO 3046/1

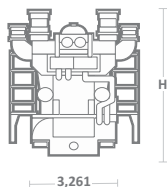
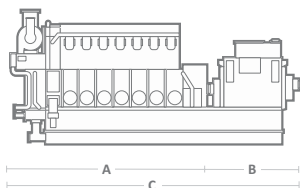
2) Fuel gas based on natural gas, Lower Heating Value 36MJ/Nm<sup>3</sup>, methane number Min. 80

## Specific Lubricating Oil Consumption

Lub. Oil: 0.4 g/kWh

## Dimension & Weight

	Dimension (mm)				Dry mass (ton)	
	A	B	C	H	Engine	GenSet
12H35GV	6,624	3,760	10,384	4,723	56.0	108.8
14H35GV	7,295	3,860	11,155	4,723	63.3	121.3
16H35GV	7,914	3,479	11,393	4,723	69.1	130.9
18H35GV	8,585	3,859	12,444	4,794	76.3	141.2
20H35GV	9,344	3,659	13,003	4,794	84.0	153.9



### Remarks

- 1) Depending on alternator.
- 2) Without common base frame.
- 3) With common base frame & alternator (Maker: Hyundai Electric).

Note) All dimensions and weight are approximate value and subject to change without prior notice.



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