















# STAMFORD®

## S9M1D-H4 Wdg.851

### RATINGS AT 0.8 POWER FACTOR

Class - Temp Rise		Standby - 163/27°C	Standby - 150/40°C	Cont. H - 125/40°C	Cont. F - 105/40°C
<b>50</b> Hz	Star (V)	3300	3300	3300	3300
	Parallel Star (V)	N/A	N/A	N/A	N/A
	Delta (V)	N/A	N/A	N/A	N/A
	kVA	4681	4553	4255	3915
	kW	3745	3642	3404	3132
	Efficiency (%)	96.7	96.8	96.9	97.1
	kW Input	3871	3762	3511	3226

<b>60</b> Hz	Star (V)	4160	4160	4160	4160
	Parallel Star (V)	N/A	N/A	N/A	N/A
	Delta (V)	N/A	N/A	N/A	N/A
	kVA	5709	5553	5190	4775
	kW	4567	4442	4152	3820
	Efficiency (%)	97.1	97.2	97.2	97.3
	kW Input	4703	4572	4269	3925

#### De-rates

All values tabulated above are subject to the following reductions:

- 5% when air inlet filters are fitted
- 3% for every 500 meters by which the operating altitude exceeds 1000 meters above mean sea level
- 3% for every 5°C by which the operational ambient temperature exceeds 40°C @ Class H temperature rise (please refer to applications for ambient temperature de-rates at other temperature rise classes)
- For any other operating conditions impacting the cooling circuit please refer to applications

Note: Requirement for operating in an ambient exceeding 60°C and altitude exceeding 4000 meters (for <690V) or 1500 meters (for >690V) must be referred to applications.

#### Dimensional and Torsional Drawing

For dimensional and torsional information please refer to the alternator General Arrangement and rotor drawings available on our website (<http://stamford-avk.com/>)

**Note:** Continuous development of our products means that the information contained in our data sheets can change without notice, and specifications should always be confirmed with Cummins Generator Technologies prior to purchase.





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