















# STAMFORD®

## S9M1D-F4 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	3476	3381	3160	2907
	kW	2781	2705	2528	2326
	Efficiency (%)	96.5	96.6	96.7	96.9
	kW Input	2881	2800	2614	2401

<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	4290	4173	3900	3588
	kW	3432	3338	3120	2870
	Efficiency (%)	96.9	96.9	97.0	97.1
	kW Input	3543	3445	3217	2957

#### 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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