















# STAMFORD®

## S9M1D-A4 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	1980	1926	1800	1656
	kW	1584	1541	1440	1325
	Efficiency (%)	95.5	95.6	95.8	95.9
	kW Input	1659	1612	1504	1381

<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	2530	2461	2300	2116
	kW	2024	1969	1840	1693
	Efficiency (%)	95.9	96.0	96.1	96.2
	kW Input	2110	2051	1915	1760

#### 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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