

Introducing: **STAMFORD® S7K**

LOW VOLTAGE ALTERNATOR

2325 - 3000kVA 50Hz | 2669 - 3594kVA 60Hz

1860 - 2400kW 50Hz | 2315 - 2875kW 60Hz

Powerful | Versatile | Dependable



Driving innovation built on over 100 years of STAMFORD® and AvK® expertise.

The latest addition to the STAMFORD® S7 alternator range, the S7K core takes the world renowned S7 and delivers increased power density and performance. The S7 now offers 300kVA extra within the S7 range.

Features

- High efficiency electromagnetic design in partnership with STAMFORD® patented CoreCooling™ technologies provides year-on-year fuel savings for our customers
- Industry-leading motor-starting capability
- 15% increase in power density
- 13% reduction in weight. Lightest alternator currently available at this rating
- New MX322™ AVR as standard with options to fit STAMFORD® S7 Digital AVR's
- Versatility of applications usage including Prime Power, Standby, CHP, Grid and Island Mode
- Available with all the options and features currently available on the S7 product range

Peace of mind

- World-class service network in over 120 countries with unmatched support
- 24-hours dedicated service support
- Global aftermarket network to support regular parts availability
- Class-leading 3 years warranty
- Authenticity guarantee - hologram verification

NEWAGE® | STAMFORD® | AvK®

Powering the world with confidence since 1904

Specification

MODEL	S7K
Ratings at 50Hz (kVA) Class H	2535 - 2800
Ratings at 60Hz (kVA) Class H	2913 - 3356
Voltage Range	380-480 V
Poles	4
Technology	Wire Wound
AVR	MX322™
Voltage Sensing	3 Phase
Bearing Design	Anti-friction
Bearing Arrangement	Single
Material Insulation	Class H
Excitation System	PMG
Ingress Protection	IP23
Connection with other machines	Paralleling capability
Cooling Method	Air Cooled IC01
Optional Features	
Bearing Design	Double
SAE Adaptors	SAE 0, 00, None
AVR's	DM110, DECS100, DECS150

Accessories

Factory Build Options

Anti-Condensation Heater
Quadrature Droop Kit
Bearing RTD (Each Bearing)
Remote Voltage Trimmer
Radio Frequency Interference (RFI) Suppressor Kit
Excitation Loss Module
Diode Failure Detector
Winding RTDs and Thermistors (in another level)
Protection CTs

STAMFORD® alternators meet the classification requirements of all major marine societies. Certifications can be considered on request.

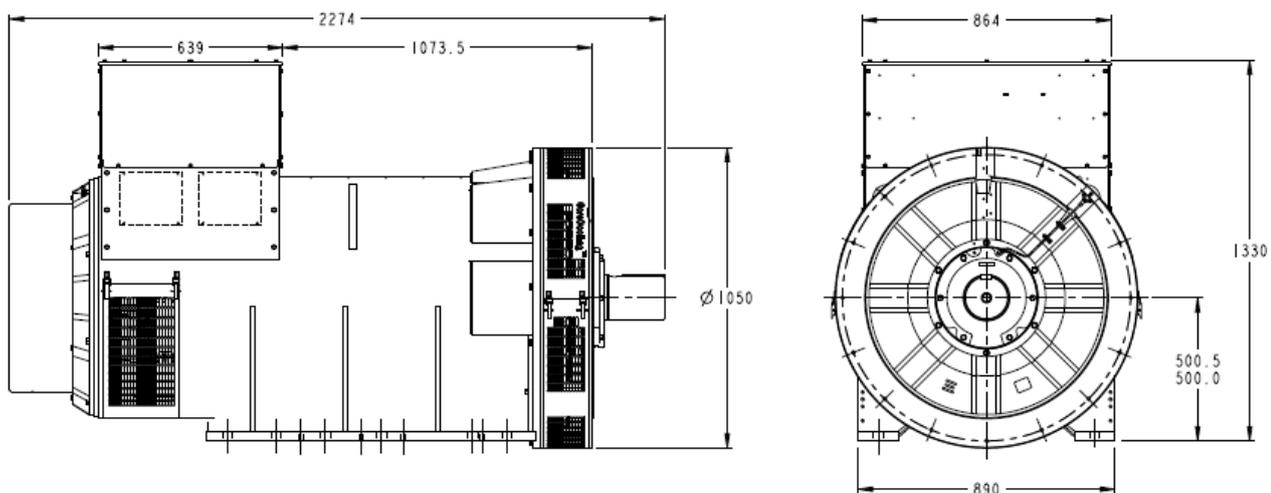
Prime Movers

Diesel Engine	✓
Gas Engine	✓

Available With MX322™

Current Sensing Kit	✓
Controlled Short Circuit	✓
Manual Voltage Regulator	✓
Frequency Detection Module	✓
Power Factor Controller – PFC3	✓
Remote Control Interface	✓
Excitation Circuit Breaker	✓

S7K



www.stamford-avk.com

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Part No. PB_S7K/EN/AF_Rev.1

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