

product profile

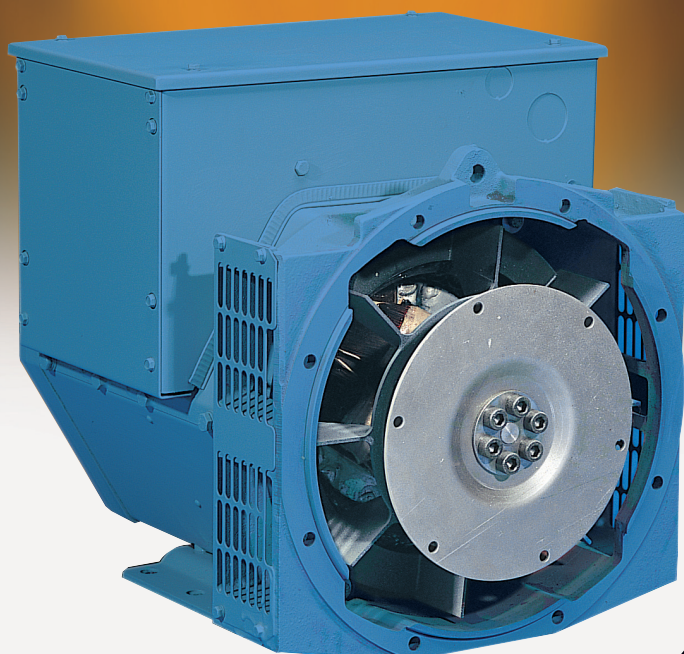
BCA162 RANGE

Voltages

120V - 480V

Outputs

from 12.5 - 50 kVA (3 Phase)



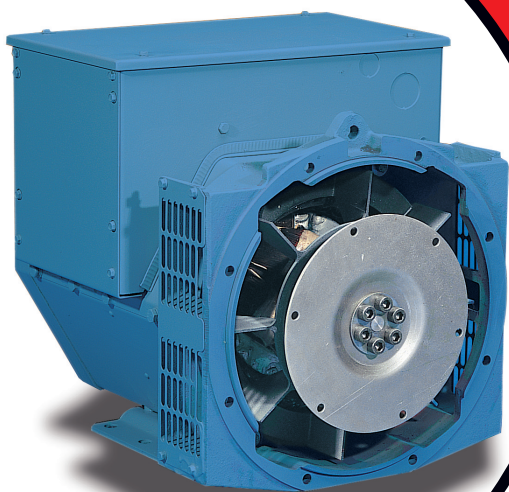
FEATURES:

- Specially tailored single bearing generator for the Lister Petter Alpha engine range
- 12 wire reconnectable stator/terminal arrangement
- Class 'H' insulation with severe environmental protection as standard
- Self excited control or auxillary winding to provide sustained short circuit capability
- Advanced automatic voltage regulator (AVR) control
- 2/3 pitch winding as standard, to avoid excessive neutral currents
- IP23 as standard

OPTIONS & ACCESSORIES:

- Upgrade to SA465 AVR with improved regulation 0.5%
- Quadrature Droop kit for Parallel Operation
- Anti Condensation Heaters

STAMFORD
power generation



product profile

BCA162 RANGE

TYPICAL APPLICATIONS:

Combined Heat & Power

Parallel Operation

Base Load Prime

Standby

Rental

Telecommunication

Standard Winding (311)

3 Phase Ratings for STAMFORD BCA162 Generators

	50Hz (3000 rpm)	60Hz (3600 rpm)	
Rating/Ambient	Base 40°C	Base 40°C	
Application/Temp Rise	Continuous 125°C	Continuous 125°C	
Voltage	380 - 415V	416V	460 - 480V
Power Factor	0.8	0.8	0.8
BCA 162D kVA	12.5	14.7	15.6
kW	10.0	11.8	12.5
BCA 162E kVA	15.0	17.8	18.8
kW	12.0	14.2	15.0
BCA 162F kVA	17.5	20.8	21.9
kW	14.0	16.6	17.5
BCA 162G kVA	22.0	26.1	27.5
kW	17.6	20.9	22.0
BCA 162J kVA	30.0	35.5	37.5
kW	24.0	28.4	30.0
BCA 162L kVA	40.0	45.2	50.0
kW	32.0	36.2	40.0

1 Phase Ratings for STAMFORD BCA162 Generators

Winding	12 Wire Reconnectable				12 Wire Reconnectable			
	50Hz (3000 rpm)		60Hz (3600 rpm)		50Hz (3000 rpm)		60Hz (3600 rpm)	
Rating/Ambient	Base 40°C		Base 40°C		Base 40°C		Base 40°C	
Application/Temp Rise	Continuous 125°C		Continuous 125°C		Continuous 125°C		Continuous 125°C	
Voltage	220 - 240V		240V		220 - 240V		240V	
	PF 1	PF 0.8	PF 1	PF 0.8	PF 1	PF 0.8	PF 1	PF 0.8
BCA 162D kVA	7.5	7.5	8.8	8.8	9.6	8.4	12.0	10.0
kW	7.5	6.0	8.8	7.0	9.6	6.7	12.0	8.0
BCA 162E kVA	9.0	9.0	10.7	10.7	11.5	10.0	15.0	12.4
kW	9.0	7.2	10.7	8.6	11.5	8.0	15.0	9.9
BCA 162F kVA	10.5	10.5	12.5	12.5	13.5	11.8	17.5	14.4
kW	10.5	8.4	12.5	10.0	13.5	9.4	17.5	11.5
BCA 162G kVA	13.2	13.2	15.7	15.7	17.5	16.8	22.0	20.6
kW	13.2	10.6	15.7	12.6	17.5	13.4	22.0	16.5
BCA 162J kVA	18.0	18.0	21.3	21.3	24.0	21.0	30.0	27.4
kW	18.0	14.4	21.3	17.0	24.0	16.8	30.0	21.9
BCA 162L kVA	24.0	24.0	27.1	27.1	30.0	27.0	36.0	33.5
kW	24.0	19.2	27.1	21.7	30.0	21.6	36.0	26.8

Due to our policy of continuous improvement, details in this leaflet which were correct at time of printing may now be due for amendment. Information included must therefore not be regarded as binding

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