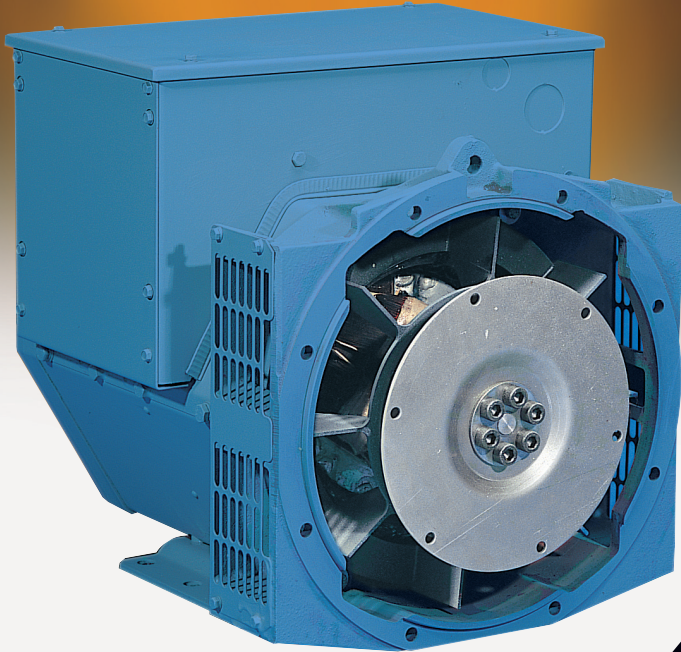


**product profile**

# BCA164 RANGE

**Voltages**  
120V - 600V

**Outputs**  
from 8.1 - 35.6 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**

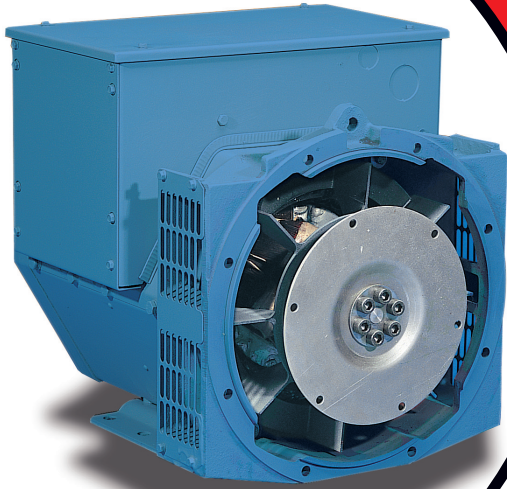


**product profile**

# BCA164 RANGE

**TYPICAL APPLICATIONS:**

- Combined Heat & Power
- Parallel Operation
- Base Load Prime
- Standby
- Rental
- Telecommunication



Standard Winding (311)

### 3 Phase Ratings for STAMFORD BCA164 Generators

	50Hz (1500 rpm)		60Hz (1800 rpm)	
	Base 40°C		Base 40°C	
Rating/Ambient	Continuous 125°C		Continuous 125°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 164A kVA	8.1		9.6	10.2
kW	6.5		7.7	8.2
BCA 164B kVA	11.0		13.0	13.8
kW	8.8		10.4	11.0
BCA 164C kVA	13.5		16.0	16.9
kW	10.8		12.8	13.5
BCA 164D kVA	16.0		18.9	20.0
kW	12.8		15.1	16.0
BCA 164E kVA	21.4		26.1	27.4
kW	17.1		20.9	21.9
BCA 164F kVA	26.2		30.9	32.6
kW	21.0		24.7	26.1
BCA 164G kVA	30.0		33.3	35.6
kW	24.0		26.6	28.5

### STAMFORD 1 Phase Ratings for STAMFORD BCA164 Generators

Winding	12 Wire Reconnectable				4Wire Dedicated			
	50Hz (1500 rpm)		60Hz (1800 rpm)		50Hz (1500 rpm)		60Hz (1800 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	
Power Factor	PF 1	PF 0.8	PF 1	PF 0.8	PF 1	PF 0.8	PF 1	PF 0.8
BCA 164A kVA	4.7	4.7	5.6	5.6	6.8	5.4	8.2	6.4
kW	4.7	3.8	5.6	4.5	6.8	4.3	8.2	5.1
BCA 164B kVA	6.4	6.4	7.5	7.5	8.4	7.4	11.0	8.8
kW	6.4	5.1	7.5	6.0	8.4	5.9	11.0	7.0
BCA 164C kVA	7.8	7.8	9.3	9.3	11.0	9.0	13.5	10.8
kW	7.8	6.2	9.3	7.4	11.0	7.2	13.5	8.6
BCA 164D kVA	9.3	9.3	11.0	11.0	13.0	10.7	16.5	13.5
kW	9.3	7.4	11.0	8.8	13.0	8.6	16.5	10.8
BCA 164E kVA	12.4	12.4	15.1	15.1	16.6	14.3	22.3	17.5
kW	12.4	9.9	15.1	12.1	16.6	11.4	22.3	14.0
BCA 164F kVA	15.1	15.1	17.9	17.9	20.0	17.5	26.1	20.8
kW	15.1	12.1	17.9	14.3	20.0	14.0	26.1	16.6
BCA 164G kVA	17.3	17.3	19.3	19.3	22.8	20.0	30.8	24.0
kW	17.3	13.8	19.3	15.4	22.8	16.0	30.8	19.2

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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