

## product profile

# BC162 RANGE

**Voltages**  
120V - 600V

**Outputs**  
from 12.5 - 31.3 kVA



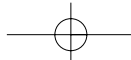
### FEATURES:

- Advanced automatic voltage regulator (AVR) control for trouble-free operation under the most demanding conditions
- 2/3 pitch winding as standard, to avoid excessive neutral currents
- Single or two bearing construction with dynamically balanced rotor and sealed-for-life bearings
- Easy access for installation and maintenance
- IP23 as standard

### OPTIONS & ACCESSORIES:

- Anti Condensation Heaters
- Air Filters
- RFI Suppression to EC Standards
- SX465 AVRs for Parallel Operation
- Quadrature Droop kit for Parallel Operation
- SA465 AVR with 1% Regulation and 2 Phase Sensing
- SX421 AVR with improved Regulation 0.5% and 3 Phase Sensing (supplied loose)

**STAMFORD**  
power generation



**product profile**

# BC162 RANGE

**TYPICAL APPLICATIONS:**

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

Standard Winding (311)

### 3 Phase Ratings for STAMFORD BC Generators

Rating/Ambient Application/Temp Rise	50Hz (3000 rpm)		60Hz (3600 rpm)	
	Base 40°C		Base 40°C	
Application/Temp Rise	Continuous 125°C		Continuous 125°C	
Voltage	380 - 415V		416V	440 - 480V
Power Factor	0.8		0.8	0.8
BC 162D kVA	12.5		14.7	15.6
kW	10.0		11.8	12.5
BC 162E kVA	15.0		17.8	18.8
kW	12.0		14.2	15.0
BC 162F kVA	17.5		20.8	21.9
kW	14.0		16.6	17.5
BC 162G kVA	25.0		29.6	31.3
kW	20.0		23.7	25.0

### 1 Phase Ratings for STAMFORD BC Generators

Winding	12 Wire Reconnectable				4 Wire Dedicated			
	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
BC 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
BC 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
BC 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
BC 162G kVA	15.0	15.0	17.8	17.8	17.5	16.8	22.0	20.6
kW	15.0	12.0	17.8	14.2	17.5	13.4	22.0	16.5

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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