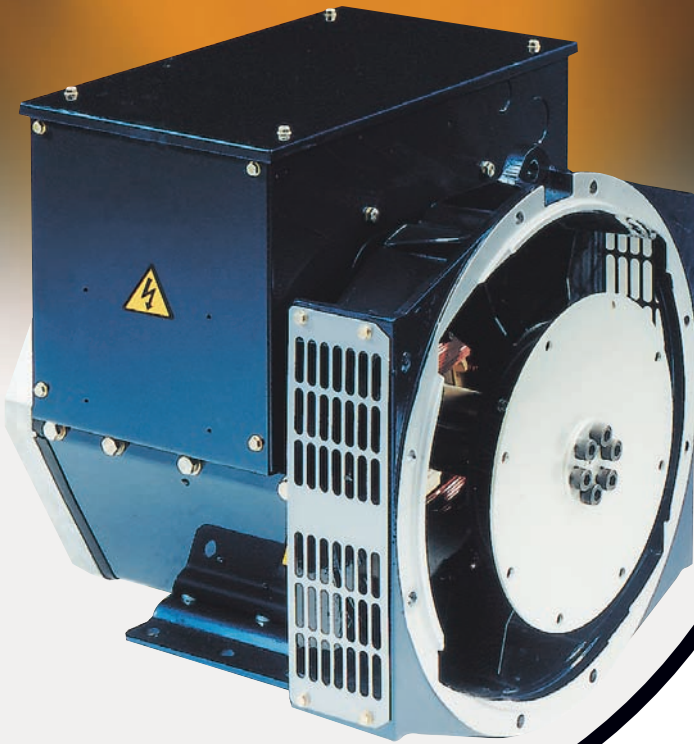


## product profile

# BC164 RANGE

**Voltages**  
110V - 600V

**Outputs**  
from 8.1 - 20 kVA



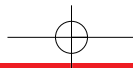
### FEATURES:

- 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 AVR's 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

# BC164 RANGE

### TYPICAL APPLICATIONS:

Combined Heat & Power  
 Parallel Operation  
 Base Load Prime  
 Standby  
 Telecommunication



Standard Windings (311)

### 3 Phase Ratings for STAMFORD BC164 Generators

Rating/Ambient	50Hz (1500 rpm)		60Hz (1800 rpm)	
	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
BC 164A kVA	8.1		9.6	10.2
kW	6.5		7.7	8.2
BC 164B kVA	11.0		13.0	13.8
kW	8.8		10.4	11.0
BC 164C kVA	13.5		16.0	16.9
kW	10.8		12.8	13.5
BC 164D kVA	16.0		18.9	20.0
kW	12.8		15.1	16.0

### 1 Phase Ratings for STAMFORD BC164 Generators

Winding	12 Wire Reconnectable		12 Wire Reconnectable					
	50Hz (1500 rpm)	60Hz (1800 rpm)	50Hz (1500 rpm)		60Hz (1800 rpm)			
Rating/Ambient	Base 40°C		Base 40°C		Base 40°C			
Application/Temp Rise	Continuous 125°C		Continuous 125°C		Continuous 125°C			
Voltage	220 - 240V		240V		220 - 240V		240V	
	PF 0.8	PF 0.8	PF 1	PF 0.8	PF 1	PF 0.8	PF 1	PF 0.8
BC 164A kVA	4.7	5.6	6.8	5.4	8.2	6.4		
kW	3.8	4.5	6.8	4.3	8.2	5.1		
BC 164B kVA	6.4	7.5	8.4	7.4	11.0	8.8		
kW	5.1	6.0	8.4	5.9	11.0	7.0		
BC 164C kVA	7.8	9.3	11.0	9.0	13.5	10.8		
kW	6.2	7.4	11.0	7.2	13.5	8.6		
BC 164D kVA	9.3	11.0	13.0	10.8	16.5	13.5		
kW	7.4	8.8	13.0	8.6	16.5	10.8		

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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