

## product profile

# BC182 RANGE

**Voltages**  
120V - 600V

**Outputs**  
from 30 - 46.9 kVA



### FEATURES:

- Self excited control or auxiliary winding to provide sustained short circuit capability
- 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 (supplied loose)
- SX421 AVR with improved Regulation 0.5% and 3 Phase Sensing (supplied loose)

**STAMFORD**  
**power generation**



**product profile**

# BC182 RANGE

**TYPICAL APPLICATIONS:**

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

Standard Winding (311)

3 Phase Ratings for STAMFORD BC182 Generators				
Rating/Ambient	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 182H kVA	30.0		33.0	35.0
	kW		24.0	28.0
BC 182J kVA	35.0		37.8	40.0
	kW		28.0	32.0
BC 182K kVA	37.5		44.3	46.9
	kW		30.0	37.5

1 Phase Ratings for STAMFORD BC182 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 182H kVA	18.0	18.0	19.8	19.8	20.0	20.0	24.8	24.8	
	kW	18.0	14.4	19.8	15.8	20.0	16.0	24.8	19.8
BC 182J kVA	21.0	21.0	22.7	22.7	23.5	23.5	28.9	28.9	
	kW	21.0	16.8	22.7	18.2	23.5	18.8	28.9	23.1
BC 182K kVA	22.5	22.5	26.6	26.6	25.0	25.0	31.0	31.0	
	kW	22.5	18.0	26.6	21.3	25.0	20.0	31.0	24.8

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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