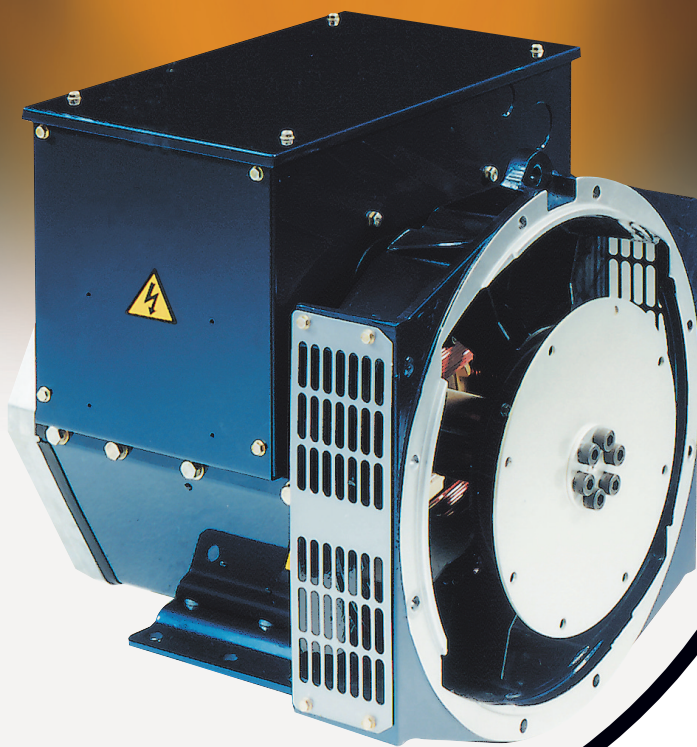


**product profile****BC182 RANGE****Voltages**

120V - 600V

**Outputs**

from 30 - 46.9 kVA

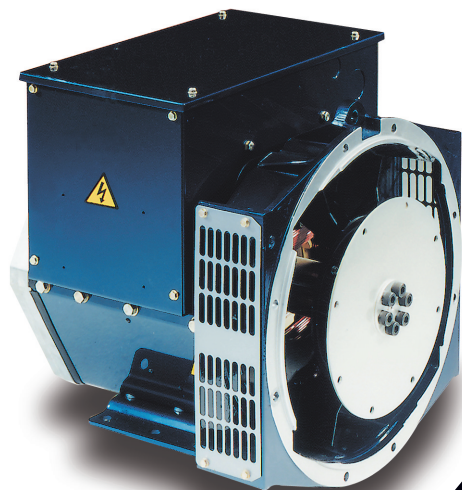
**FEATURES:**

- 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

|                       | 50Hz (1500 rpm)  | 60Hz (1800 rpm)  |            |
|-----------------------|------------------|------------------|------------|
| Rating/Ambient        | 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             | 26.4             | 28.0       |
| BC 182J kVA           | 35.0             | 37.8             | 40.0       |
| kW                    | 28.0             | 30.2             | 32.0       |
| BC 182K kVA           | 37.5             | 44.3             | 46.9       |
| kW                    | 30.0             | 35.4             | 37.5       |

### 1 Phase Ratings for STAMFORD BC182 Generators

| Winding               | 12 Wire Reconnectable |        |                  |        | 4 Wire 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             |        |
|                       | 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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