

## 4.5 KVA DIESEL GENERATOR

### FEATURES & BENEFITS

- Maximum 5.0 kVA, 230V, 3000RPM
- Constant voltage AVR (Automatic Voltage Regulator)
- 12 Volt Electric Starter
- 16 Litre Fuel Tank, 8 Hours @ 75% load
- Silent Version ( $\pm 72$  dBA)
- Single cylinder: vertical, direct injection
- Single Phase Output
- Datakom DKG-116 Digital Control Panel
- Low oil pressure system
- Low water cut out engine protection



Manual or Remote Start



| GENERAL DATA                   |              |
|--------------------------------|--------------|
| <b>Model:</b>                  | BP5000S      |
| <b>Prime Power (P.R.P):</b>    | 4.5 kVA      |
| <b>Stand-by Power (L.T.P):</b> | 5.0 kVA      |
| <b>Amps:</b>                   | 21.7 A       |
| <b>Power Factor / COS:</b>     | 1            |
| <b>Frequency:</b>              | 50 Hz        |
| <b>Voltage:</b>                | 230 V        |
| <b>Phases:</b>                 | Single Phase |
| <b>Engine Speed:</b>           | 3000 RPM     |
| <b>Length:</b>                 | 900 mm       |
| <b>Width:</b>                  | 520 mm       |
| <b>Height:</b>                 | 700 mm       |
| <b>Weight:</b>                 | 150 kg's     |
| <b>Tank Capacity:</b>          | 16 l         |

| ADDITIONAL                     |                      |
|--------------------------------|----------------------|
| <b>Running Time:</b>           | 8 @ full load        |
| <b>Structure Type:</b>         | Silent               |
| <b>Noise Level (7m):</b>       | 72 dBA               |
| <b>Auto Voltage Regulator:</b> | Constant voltage AVR |
| <b>ISO9001 Certified:</b>      | Yes                  |
| <b>CE Certified:</b>           | Yes                  |
| <b>Fuel Cons. @ 100% Load:</b> | 2.3                  |
| <b>Fuel Cons. @ 75% Load:</b>  | 1.8                  |
| <b>Fuel Cons. @ 50% Load:</b>  | 1.2                  |

| ENGINE DATA                  |                                             |
|------------------------------|---------------------------------------------|
| <b>Brand:</b>                | Bundu Power                                 |
| <b>Model:</b>                | 186FAE - Air Cooled                         |
| <b>Type:</b>                 | Single cylinder: vertical, direct injection |
| <b>Starting System:</b>      | 12 Volt Electric Starter                    |
| <b>Auto-Decompression:</b>   | Yes                                         |
| <b>Cubic Capacity (l):</b>   | 0.418                                       |
| <b>Compression Ratio:</b>    | 19:1                                        |
| <b>Rated Power (kW/RPM):</b> | 6.5 / 3000                                  |
| <b>Fuel Type:</b>            | Diesel                                      |
| <b>Lube Oil:</b>             | 15W40                                       |
| <b>Low Pressure Alert:</b>   | No                                          |
| <b>Low Fuel Cut Out:</b>     | No                                          |

| CONTROL PANEL               |                       |
|-----------------------------|-----------------------|
| <b>Model:</b>               | Datakom DKG-116       |
| <b>Type:</b>                | Digital Control Panel |
| <b>Analogue Inputs:</b>     | N/A                   |
| <b>Mains Phase Voltage:</b> | No                    |
| <b>Mains Line Voltage:</b>  | No                    |

| ALTERNATOR              |                 |
|-------------------------|-----------------|
| <b>Model:</b>           | SC-150          |
| <b>Pole Number:</b>     | 2               |
| <b>Excitation Mode:</b> | Self Excitation |

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\* Specs subject to change without prior notice.  
 \* Measurements based on ISO8528-1 Standards  
 \* All rating at Sea Level, 25°C Ambient Temp.