

## 4.5 KVA DIESEL GENERATOR

### FEATURES & BENEFITS

- Maximum 5.0 kVA, 230V, 3000 RPM
- Constant voltage AVR (Automatic Voltage Regulator)
- 12 Volt Electric Starter
- 16 Litre Fuel Tank, 8 Hours @ 75% load
- Silent Version ( $\pm 76$ dBa)
- Single cylinder: vertical, direct injection
- Single Phase Output
- SmartGen MGC100 Digital Control Panel
- DC 12 Volt 8.3amp charging facility
- Manual or Remote Start (ATS Optional)



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 Hours @ 75% load
<b>Structure Type:</b>	Silent
<b>Noise Level (7m):</b>	76 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>	5.5 / 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>	SmartGen MGC100
<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>	TFDY-4.5
<b>Pole Number:</b>	2
<b>Excitation Mode:</b>	Self Excitation

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