

## 9.0 KVA DIESEL GENERATOR

### FEATURES & BENEFITS

- Maximum 9.7 kVA, 230V, 1500 RPM
- Constant voltage AVR (Automatic Voltage Regulator)
- 12 Volt Electric Starter
- 25 Litre Fuel Tank, 13 Hours @ 75% load
- Silent Version ( $\pm 76$ dBa)
- Three cylinder: four stroke, water cooled
- Single Phase Output
- SmartGen MGC120 Digital Control Panel
- Low oil pressure system
- Low water cut out engine protection



### GENERAL DATA

<b>Model:</b>	BPD10S
<b>Prime Power (P.R.P):</b>	9.0 kVA
<b>Stand-by Power (L.T.P):</b>	9.7 kVA
<b>Amps:</b>	38 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>	1500 RPM
<b>Length:</b>	1300 mm
<b>Width:</b>	680 mm
<b>Height:</b>	760 mm
<b>Weight:</b>	440 kg's
<b>Tank Capacity:</b>	25 l

### ADDITIONAL

<b>Running Time:</b>	13 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>	DPK
<b>Model:</b>	DPK385
<b>Type:</b>	Three cylinder: four stroke, water cooled
<b>Starting System:</b>	12 Volt Electric Starter
<b>Auto-Decompression:</b>	Yes
<b>Cubic Capacity (l):</b>	1.53
<b>Compression Ratio:</b>	18:1
<b>Rated Power (kW/RPM):</b>	12 / 1500
<b>Fuel Type:</b>	Diesel
<b>Lube Oil:</b>	15W40
<b>Low Pressure Alert:</b>	Yes
<b>Low Fuel Cut Out:</b>	Yes

### CONTROL PANEL

<b>Model:</b>	SmartGen MGC120
<b>Type:</b>	Digital Control Panel
<b>Analogue Inputs:</b>	1
<b>Mains Phase Voltage:</b>	Yes
<b>Mains Line Voltage:</b>	Yes

### ALTERNATOR

<b>Model:</b>	DPC8.8-1
<b>Pole Number:</b>	4
<b>Excitation Mode:</b>	Self Excitation

\* Specs subject to change without prior notice.

\* Measurements based on ISO8528-1 Standards

\* All rating at Sea Level, 25°C Ambient Temp.