



## 80 KVA DIESEL GENERATOR

### FEATURES & BENEFITS

- Maximum 88 kVA, 380V, 1500RPM
- Constant voltage AVR (Automatic Voltage Regulator)
- 24 Volt Electric Starter
- 210 Litre Fuel Tank, 17 Hours @ 75% load
- Silent Version ( $\pm 72$ dBa)
- Four cylinder, vertical, water cooled Diesel Engine
- Three Phase Output
- Datakom D300 Digital Control Panel
- Low oil pressure system
- Low water cut out engine protection



GENERAL DATA	
<b>Model:</b>	BPD80S3
<b>Prime Power (P.R.P):</b>	80 kVA
<b>Stand-by Power (L.T.P):</b>	88 kVA
<b>Amps:</b>	133 A
<b>Power Factor / COS:</b>	0.8
<b>Frequency:</b>	50 Hz
<b>Voltage:</b>	380 V
<b>Phases:</b>	Three Phase
<b>Engine Speed:</b>	1500 RPM
<b>Length:</b>	2700 mm
<b>Width:</b>	1050 mm
<b>Height:</b>	1450 mm
<b>Weight:</b>	1450 kg's
<b>Tank Capacity:</b>	210 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>	15.1
<b>Fuel Cons. @ 75% Load:</b>	11.8
<b>Fuel Cons. @ 50% Load:</b>	8.1

ENGINE DATA	
<b>Brand:</b>	SDEC
<b>Model:</b>	4HT4.3-G23
<b>Type:</b>	Four cylinder, vertical, water cooled Diesel Engine
<b>Starting System:</b>	24 Volt Electric Starter
<b>Auto-Decompression:</b>	Yes
<b>Cubic Capacity (l):</b>	4.3
<b>Compression Ratio:</b>	17:1
<b>Rated Power (kW/RPM):</b>	78 / 1500
<b>Fuel Type:</b>	Diesel
<b>Lube Oil:</b>	L-ECD grade or 15W40
<b>Low Pressure Alert:</b>	Yes
<b>Low Fuel Cut Out:</b>	Yes

CONTROL PANEL	
<b>Model:</b>	Datakom D300
<b>Type:</b>	Digital Control Panel
<b>Analogue Inputs:</b>	2
<b>Mains Phase Voltage:</b>	Yes
<b>Mains Line Voltage:</b>	Yes

ALTERNATOR	
<b>Model:</b>	DPC224G
<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.