

## 13 KVA DIESEL GENERATOR

### FEATURES & BENEFITS

- Maximum 14 kVA, 230V, 1500 RPM
- Constant voltage AVR (Automatic Voltage Regulator)
- 12 Volt Electric Starter
- 30 Litre Fuel Tank, 11 Hours @ 75% load
- Silent Version ( $\pm\pm 76$  dBA)
- 4 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>	BUD13S
<b>Prime Power (P.R.P):</b>	13 kVA
<b>Stand-by Power (L.T.P):</b>	14 kVA
<b>Amps:</b>	60 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>	1400 mm
<b>Width:</b>	740 mm
<b>Height:</b>	850 mm
<b>Weight:</b>	550 kg's
<b>Tank Capacity:</b>	30 l

ADDITIONAL	
<b>Running Time:</b>	11 Hours @ 75% load
<b>Structure Type:</b>	Silent
<b>Noise Level (7m):</b>	$\pm\pm 76$ 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>	3.6
<b>Fuel Cons. @ 75% Load:</b>	2.7
<b>Fuel Cons. @ 50% Load:</b>	1.8

ENGINE DATA	
<b>Brand:</b>	BUNDU
<b>Model:</b>	4L22BD
<b>Type:</b>	4 cylinder: four stroke, water cooled
<b>Starting System:</b>	12 Volt Electric Starter
<b>Auto-Decompression:</b>	Yes
<b>Cubic Capacity (l):</b>	2.156
<b>Compression Ratio:</b>	18:1
<b>Rated Power (kW/RPM):</b>	17 / 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>	184E
<b>Pole Number:</b>	4
<b>Excitation Mode:</b>	Self Excitation

Maputo, Moçambique

+258 85 176 3143

comercial@cobalt.co.mz

www.cobalt.co.mz