

PRODUCT IMAGES

Energybak



MODEL	BNL20SE
FUEL TYPE	NG.LPG
OUTPUT	
RATED POWER (LPG)	20KW[25KVA]
RATED POWER (NG)	18KW[23KVA]
RATED VOLT (V)	127/220V
RATED CURRENT (LPG)	65.6Amps
RATED CURRENT (NG)	62.5Amps
PHASE	THREE
Engine/Alternator RPM (rpm)	3600
POWER FACTOR	0.8
ENGINE	
ENGINE WARRANTY (YEAR)	2
ENGINE MODEL	465QR
VOLUME (cc)	998
COMPRESSION RATIO	9.5:1

IGNITION SYSTEM	ECM IGNITION
ELECTRIC START	YES
STARTING MOTOR	QDY112 12V 0.8KW
BORE&STROKE(mm×mm)	L4-65.5×74
ASPIRATION TYPE	NATURAL ASPIRATION
OIL CAPACITY(L)	4.0
ROTARY OIL FILTER	YES
CHARGING METHOD	14V/350W switch power
RECOMMEND BATTERY START CURRENT(CCA)	525A
COOLING SYSTEM	LIQUID COOLED
LOW OIL PRESSURE SHUTDOWN	YES
ALTERNATOR	
TYPE	Synchronous generator, a rotating magnetic field
VOLT.REG.SYSTEM	AVR
BRUSH	BRUSH
POLE	2
THD @FULL LOAD	≤ 5%
INSULATION	F
STATOR WINDING MATERIAL	COPPER
ROTOR WINDING MATERIAL	COPPER
CONNECTION METHOD	DIRECT COUPLING

VOLTAGE STEADY	
TYPE	ELECTRON
Sensing	SINGLE
VOLTAGE ADJUSTING	± 1%
GOVERNOR	
TYPE	ELECTRON
No load to full load frequency regulation	SYNCHRONISM
Steady frequency adjustment	± 0.5%
CONTROLLER	
CONTROLLER LOCATION	SIDE OF CANOPY
MANUFACTURER/PART#	HSC940
AUTO/MANUAL/SHUT DOWN	YES
ALTERNATOR VOLTAGE DETECTION	YES
MAINS VOLTAGE DETECTION	NO
LOW OIL PROTECTION	YES
OVER FREQUENCY PROTECTION	YES
LOW FREQUENCY PROTECTION	YES
ENCLOSURE	
CANOPY	Powder coating
WARRANTY(YEAR)	2
PROTECTION LEVEL	IP 23

EMERGENCY STOP SWITCH	YES
FUEL SOLENOID VALVE	dual solenoid valve
ENCLOSED MUFFLER	YES
SOUND INSULATION	Double metal plate+Soundproof cotton
NOISE AT NORMAL SPEED , 23ft (7M) dB(A)	69
NG CONSUMPTION 100%LOAD ft3/hr	265
LPGCONSUMPTION 100%LOAD ft3/hr	145
NG PRESSURE RANGE kPa	1.3-2.7
LPG PRESSURE RANGE kPa	1.7-2.7
NUIT DIMENSION(L×W×H)	54 in.x32 in.x38 in.
PACKING DIMENSION(LxWxH)	58 inx35 in.x43 in.
NET WEIGHT(Lbs)	772Lbs
GROSS WEIGHT (Lbs)	849Lbs
20/40 GP CONTAINER	20/40/40
OIL HEATER AND BATTERY HEATER	OPTIONAL
WATER HEATER	OPTIONAL
ATS	200Amps