

Genset Model

PD20REG-DB



<b>OUTPUT</b>	
RATED POWER (LPG)	20KW (25KVA)
RATED POWER (NG)	18KW (22.5KVA)
RATED VOLT (V)	120/240 (120/208)
RATED CURRENT (LPG)	83.3 (69.4)
RATED CURRENT (NG)	75.0 (62.3)
PHASE	SINGLE (THREE)
Engine/Alternator RPM (rpm)	3600
POWER FACTOR	1.0 (0.8)
FREQUENCY (HZ)	60
<b>ENGINE</b>	
ENGINE WARRANTY (YEAR)	1
ENGINE MODEL	465QR
VOLUME (cc)	998
COMPRESSION RATIO	9.5:1
IGNITION SYSTEM	ECM IGNITION
ELECTRIC START	WITH
FUEL TYPE	LPG/NG
BORE&STROKE(mm×mm)	L4-65.5×74
ASPIRATION TYPE	NATURAL ASPIRATION
OIL CAPACITY(L)	4.0
ROTARY OIL FILTER	WITH
SLEEVE	CAST IRON
CHARGING METHOD	CHARGER 12V/3A
RECOMMEND BATTERY	18AH-45AH
COOLING SYSTEM	LIQUID COOLED
LOW OIL PRESSURE SHUTDOWN	WITH
<b>ALTERNATOR</b>	
VOLT.REG.SYSTEM	AVR
TYPE	BRUSH
POLE	2
THD @FULL LOAD	≤ 5%
INSULATION	F
STATOR WINDING MATERIAL	COPPER
ROTOR WINDING MATERIAL	COPPER
CONNECTION METHOD	DIRECT COUPLING (FLANGE CONNECTED)

<b>CONTROLLER</b>	
LOCATION	INSIDE, UPPER ALTERNATOR
MANUFACTURER/PART#	SMARTGEN/HSC940
AUTO/MANUAL/SHUT DOWN	WITH
LOW OIL PROTECTION	WITH
OVER FREQUENCY PROTECTION	WITH
ENGINE WARM UP	WITH (SET PER YOUR REQUIREMENTS)
<b>ENCLOSURE</b>	
WARRANTY(YEAR)	2
PROTECTION LEVEL	IP 23
EMERGENCY STOP SWITCH	WITH
FUEL SOLENOID VALVE	DUAL SOLENOID VALVE
ENCLOSED MUFFLER	WITH
NOISE AT NORMAL SPEED , 23ft (7M)	69
LPGCONSUMPTION100%LOAD ft3/hr(m3/hr)	3.8kg/hr
NGCONSUMPTION100%LOAD ft3/hr(m3/hr)	6.6m <sup>3</sup> /hr
LPG PRESSURE RANGE kPa (in.H <sub>2</sub> O)	1.7-3.5 (7-14)
NG PRESSURE RANGE kPa (in.H <sub>2</sub> O)	1.3-3.5 (5-14)
NUIT DIMENSION(L×W×H) mm	1376×810×960
PACKAGE DIMENSION(L×W×H) mm	1470×900×1100
NET WEIGHT( kg)	345
GROSS WEIGHT( kg)	380
20/40/40HQ GP CONTAINER	20/40/40

### ATS control box(option)

Amps:200A

SIZE:52\*39\*22cm

WEIGHT:20kgs

