



MODEL HDP-100G2

100KVA DATA SHEET

PRIME POWER	STANDBY POWER	ENGINE Brand, Model and TYPE
100 kVA	110 kVA	Cummins 6BT5.9-G2 Diesal, 4 Stroke, Water-Cooled
FUEL TANK CAPACITY	ENGINE FILTRATION SYSTEM	
250 Liters	Dry air filter fuel filter lube filter	
COOLING RADIATOR	EXHAUST SYSTEM	
Radiator and cooling fan complete with safety guard design to cool the engine on high ambient temp.	Heavy duty industrial type exhaust silencer Mechanically welded chassis with vibration isolator 24V charged DC starting battery with electrolyte & Cables	
METERING & ALARM INDICATION		
Generator frequency Under speed, over speed generator Volt Generator current Engine oil pressure Fuel		

Alternator

MODEL	TYPE	VOLTAGE	POWER FACTOR	INSULATION CLASS	EXCITATION SYSTEM
Stamford UCI274C	Synchronous	400V, 3-Phase 50Hz	0.8 (lagging)	H	Brushless / Automatic Voltage Regulator (AVR)

Alternator Additional Information

INSULATION CLASS	WINDING PITCH	EXCITATION SYSTEM	TERMINALS
H	2/3 (b o b 6)	SHUNT, AREP or PMG	Drip proof IP 23

Engine Technical Data

CYLINDERS	ARRANGEMENT	CYCLE	INDUCTION SYSTEM
4	Vertical in line	Four stroke	Turbocharged

COMPRESSION RATIO	BORE	STROKE	CAPACITY
17.25 : 1	105 mm (4.13 in)	127 mm (4.99 in)	4.4 litres

ROTATION	FIRING ORDER
Clockwise view from front	1, 2, 3

Exhaust System

MAXIMUM BACK PRESSURE	EXHAUST OUTLET SIZE
10 kPa	75mm
Meets Tier 2 or Tier 3 EPA emissions standards	

Sound Pressure Level

AT - 1500 REV / MIN	AT - 1800 REV / MIN
75dBA	85dBA
Overall sound pressure level (cooling pack and air cleaner fitted)	

HYPER DYNØ POWER SOLUTIONS

POWER GENERATOR MANUFACTURES

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Since 1990



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PRODUCT ENVIRONMENTAL PARAMETERS

We follow International Environment Protections Standards Worldwide,
United Nations Environment Programme (UNEP);
European Environment Agency (EEA);
Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)



HAMANN AG

Sound level

Overall sound pressure level (cooling pack and air cleaner fitted):

- at 1500 rev/min 75 dBA
- at 1800 rev/min 85 dBA

Exhaust system

Maximum back pressure

- 1500 rev/min 10 kPa
- 1800 rev/min 15 kPa
- Exhaust outlet size 56 mm (2.2 in)

Emission Standards: Meets Tier 2 or Tier 3 EPA emissions standards