

125 kWT3 @ 60 Hz.

SSG-DP125

Sommers generators are available in a variety of sizes to meet the energy needs of the smallest homes to the largest facilities. You can rely on the environmentally friendly, clean, quiet stand-by power of our generators in emergency situations, day or night — and that means security and peace of mind for you.

Detail Unavailable

Our generators are specially designed to ensure the lowest possible harmonic distortion, making them ideal for delivering quality power to hospitals, retail facilities, offices and many other locations.

ENGINE FEATURES

- ◆ Radiator Cooled
- ◆ Starter and alternator
- ◆ Oil pump and filter
- ◆ Air cleaner
- ◆ Electric Isochronous governor

GENERATOR FEATURES

- ◆ Brushless single bearing
- ◆ Automatic voltage regulator:
 - Over-excitation protection
 - Under-frequency compensation
- ◆ Available voltages:
 - 120/240 1 ϕ 12 wire
 - 120/208 3 ϕ 12 wire
 - 120/240 3 ϕ 12 wire
 - 277/480 3 ϕ 12 wire
 - 346/600 3 ϕ 4 wire

DIGITAL CONTROLLER FEATURES

- ◆ Microprocessor based, digital read-out control system
- ◆ Unit-mounted
- ◆ Engine vitals monitored by LCD display:
 - Oil pressure
 - Running time
 - Engine temperature
 - Safety shutdowns:
 - HWT, OC, OS, OP, LWL
 - Battery voltage
 - Generator AC voltage
 - AC amperage
 - Frequency
- ◆ Continuous displays:
 - Oil pressure
 - Engine temperature
 - Battery voltage
 - Low fuel level

ADDITIONAL FEATURES

- ◆ Oil drain extension
- ◆ Flexible fuel connector
- ◆ Battery: 12 volt with rack
- ◆ Battery charger: 12 volt 6 amp
- ◆ Battery cables
- ◆ Vibration isolation pads
- ◆ Jacket water heater: -20°F
- ◆ Mainline circuit breaker
- ◆ Muffler
- ◆ UL2200 Listed

OPTIONAL FEATURES

- ◆ Sub-base fuel tank with electrical stub-up area
- ◆ Weatherproof or Crystal Quiet enclosure
- ◆ PMG
- ◆ Sound attenuation
 - 1½" foam
 - Sound scoops
- ◆ Remote annunciator

125kWT3 Diesel Gen-Set

ENGINE TECHNICAL DATA		125 kW	
Model:	1106D-E66TAG2		
Type:	4-Cycle		
Aspiration:	Turbocharged - Air to Air		
Cylinder Arrangement:	6-Inline		
Displacement : cu. in. (lit)	402.8 (6.6)		
Bore x Stroke: in. (cm)	4.10 (10.5) x 5.00 (12.7)		
Compression Ratio:	16.2:1		
Rated RPM:	1800		
BMEP: psi (kPa)	213.0 (1,469)		
Maximum Power @ Rated RPM: hp (kW)	217 (162)		
INSTALLATION DATA OPU = Open Power Unit EPU = Enclosed Power Unit			
Dimensions & Weights		OPU	EPU
Length: in. (cm)			
Width: in. (cm)			
Height : in. (cm)			
Height with tank: in. (cm)			
Weight (less tank): lb (kg)	3,224 (1,462)	3,869 (1,755)	
Liquid Capacity			
Total Oil System: Gal (lit)	4.4 (16.5)		
Engine Jacket Water: Gal (lit)	2.5 (9.5)		
System Coolant Capacity: Gal (lit)	5.5 (21.0)		
Electrical System			
Electric Volts DC:	12V		
Cold Cranking Amps Under 0°F (-17.8°C):	1000		
Exhaust System			
Gas Temp (Stack): °F (°C)	870 (466)		
Gas Volume @ Stack Temp: cfm (m ³ /min)	1,067 (30.2)		
Maximum Allowable Back Pressure: in H ₂ O (kPa)	60.2 (15.0)		
Cooling System			
Ambient Capacity of Radiator: °F (°C)	122 (50)		
Water Pump Capacity: gpm (lit/min)	44.9 (170)		
Heat Rejection to Coolant: BTUM (kW)	4,360 (76.6)		
Heat Rejection to Air to Air: BTUM (kW)	1,924 (33.8)		
Air Requirements			
Aspirating: cfm (m ³ /min)	441 (12.5)		
Air Flow Requirements for Rad. Cooled Unit: cfm (m ³ /min)	8,829 (250)		
Fuel Consumption: Gal/Hr (Lit/Hr)			
At 100% of Power Rating:	11.0 (41.5)		
At 75% of Power Rating:	8.6 (32.7)		
At 50% of Power Rating:	6.3 (23.7)		
Sound Level Data at		Full Load	No Load
23 ft. (7m) Enclosed with 1.5" foam: (dBA)		C/F	C/F
23 ft. (7m) Enclosed, 1.5" foam & scoops: (dBA)		C/F	C/F
Derate:			
Altitude :			
Temperature:			

Detail Unavailable

DISTRIBUTED BY:
 SOMMERS MOTOR GENERATOR SALES LTD.
 101 Woodstock St. South, Tavistock, ON N0B 2R0
 Ph:519-655-2396 Fax: 519-655-3176
 www.sommersgen.com