

SENTRY-PRO GM

WITH LPG-NATURAL GAS FUEL

AUTO. START-STOP, DRY FUEL HOUSED STANDBY SETS SPECIFICATIONS.
NOTE: 1 PH. AND 3 PH. POWER SPECIFICATIONS, INDICATE TWO DIFFERENT GENERATOR SETS, ADD "-3" TO ALL MODELS FOR 3 PHASE GEN-SETS.

60 HERTZ

**1 PHASE, 120/240 VOLTS OR
3 PH., 208, 220, 240, 480 VOLTS**

GENERATOR MODEL		SP-200		SP-250		SP-300		SP-400		SP-500		SP-600		SP-800		SP-1000		SP-1200		SP-1500	
TYPE OF FUEL USED		LPG	N G	LPG	N G	LPG	N G	LPG	N G	LPG	N G	LPG	NG	LPG	N G	LPG	N G	LPG	N G	LPG	N G
1 PH.	MAXIMUM KW @ 1 Ø 150° C R/R	20	20	27	27	32	30	41	39	51	51	62	60	78	78	102	99	116	128	128	154
	STANDBY KW @ 1 Ø 130° C R/R	19	19	25	25	30	27	40	38	50	50	60	58	75	75	98	95	115	125	125	150
	STANDBY AMPS @ 120 VOLT,1Ø	158	158	208	208	250	226	334	316	416	416	500	484	624	624	816	792	958	1042	1042	1250
	STANDBY AMPS @ 240 VOLT,1Ø	79	79	104	104	125	113	167	158	208	208	250	242	312	312	408	396	479	521	521	625
3 PHASE	MAXIMUM KVA @ 3Ø 150° C R/R	26	25	34	34	40	36	52	48	64	64	70	68	103	103	124	118	150	159	165	190
	STANDBY KVA @ 3Ø 130° C R/R	25	25	31	31	37.5	33.7	50	47.5	62.5	62.5	75	72.5	100	100	125	118.5	144	156	162.5	187.5
	STANDBY KW @ 3 PHASE .8 P.F.	20	20	25	25	30	27	40	38	50	50	60	58	80	80	100	95	115	125	130	150
	STANDBY AMPS @ 208 VOLT,3Ø	69	69	87	87	104	94	139	132	174	174	209	202	278	278	347	330	399	434	452	521
	STANDBY AMPS @ 240 VOLT,3Ø	60	60	75	75	90	81	120	114	151	151	181	175	241	241	301	286	346	376	392	452
	STANDBY AMPS @ 480 VOLT,3Ø	30	30	38	38	45	41	63	57	75	75	90	87	120	120	151	143	173	188	196	226
STANDBY AMPS @ 220 VOLT,3Ø	66	66	82	82	99	89	131	125	164	164	197	191	263	263	328	312	378	411	427	493	
GENERAL MOTORS, VORTEC ENG.	3.0 L	3.0L	3.0 L	3.0 L	3.0 L	3.0 L	4.3 L	4.3 L	5.7 L	5.7 L	5.7 L	5.7 L	8.1 L	8.1 L	8.1 L	8.1 L	8.1 L T	8.1 L T	8.1 L T	8.1 L T	
ENGINE INDUCTION SYSTEM	NATURALLY ASPIRATED												NAT. ASPIRATED MODIFIED CAM				TURBOCHARGED				
ENGINE HORSE POWER MAX RATING	48 HP	42 HP	48 HP	42 HP	48 HP	42 HP	68 HP	64HP	105 HP	95 HP	105 HP	95 HP	162 HP	146 HP	162 HP	146 HP	190 HP	210 HP	220 HP	228 HP	
ENGINE CUBIC IN. DISPL. (LITERS)	181 (3)	181 (3)	181 (3)	181 (3)	181 (3)	181 (3)	262 (4)	262(4)	350(5.7)	350(5.7)	350 (5.7)	350 (5.7)	494(8)	494(8)	494 (8)	494 (8)	494 (8)	494 (8)	494 (8)	494 (8)	
ENGINE CYLINDERS	4	4	4	4	4	4	6	6	8	8	8	8	8	8	8	8	8	8	8	8	
ENGINE LUBRICATION	ALL MODELS: FULL PRESSURE OIL LUBRICATION WITH ADDITIONAL SPIN-ON REPLACEMENT OIL FILTER																				
FUEL USE @ 100% LOAD (FT ³ /HR)	145	345	168	400	203	539	240	584	295	750	330	800	440	1020	511	1180	585	1650	688	1950	
FUEL USE @ 75% LOAD (FT ³ /HR)	118	279	136	324	164	442	200	485	242	635	255	695	345	825	410	895	490	1370	576	1500	
ENGINE ALTERNATOR OUTPUT	ALL MODELS : 70 AMPS FOR CHARGING WITH MAXIMUM AMPERAGE OUTPUT @ 12 VOLTS DC																				
dB(A) @ 7 M, OPEN W/ IND MUFFLER	80	80	80	80	80	80	81	85	87	88	90	96	99								
dB(A) @ 7 M, STD ENCL & RES MUFFLER	73	73	73	73	73	73	74	75	76	80	83	85	88								
dB(A) @ 7 M, SS ENCL & CRIT MUFFLER	70	68	68	68	68	68	69	71	73	76	78	82	86								
GENERATOR REGULATION	ALL MODELS : PLUS-MINUS ½% VOLTAGE REGULATION USING SOLID STATE EXTERNAL VOLTAGE REGULATOR																				
FREQUENCY (SPEED) REGULATION	ALL MODELS : PLUS-MINUS ½% FREQUENCY REGULATION WITH ELECTRONIC GOVERNOR SYSTEM																				
ENGINE COOLING	ALL MODELS : LIQUID COOLED WITH PUSHER FAN AND 125°F RADIATOR																				
ENGINE PROTECTION CONTROLS	ENGINE SHUTDOWN FOR: LOW OIL, HIGH TEMPERATURE, OVERSPEED, OVERCRANK WITH 3 STARTING ATTEMPTS																				
"SENTINEL-SCOUT" ENGINE AUTO START-STOP AND PROTECTION MODULE.	THIS FLEXIBLE DIGITAL CONTROLLER ALLOWS PROGRAMMING TO BASIC ENGINE FUNCTIONS, IN THE FIELD. CONTROLLER HAS "STOP-MANUAL-AUTO" MODE AND EIGHT (8) BASIC ENGINE PROTECTORS AND FUNCTIONS, MONITORED BY LED INDICATORS. ALSO INCLUDES AN ENGINE HOUR METER WITH LCD DISPLAY.																				
"KLEEN-POWER"®	ALL MODELS : MAXIMUM 4% DISTORTION ON GENERATED SINE WAVE																				
BATTERIES REQUIRED*	12 VDC, 660 CCA, 55 AMP/HR										12 VDC, 800 CCA, 80 AMP/HR										
WEATHER/SOUND ENCLOSURE	E-COATED STEELWEATHER ENCLOSURE W/ POWDER COAT FINISH & SOUND PROOFING FOAM ON BOTH STD. & SUPER SILENT EMCL.																				
APPRX. LG X WI X HI W/ SUPER-SILENT	96" X 36" x 47"						110" X 42" x 53"						146" X 48" X 72 1/4"								
APPRX. LG X WI X HI W/ STD. ENCL.	82" X 36" X 47"						94" X 42" x 53"						122" X 48" X 72 1/4"								
APPRX. LG X WI X HI NO ENCLOSURE	68"X36"X34"						78" X 42" x 38'						98" X 48" X 48"								
SUPER-SILENT (NET WT.) SHIP WT LBS	(1536) 1676	(1577) 1777	(1717) 1857	(1906) 2066	(2406) 2566	(2273) 2933	(2976) 3196	(3066) 3316	(3267) 3517	(3594) 3844											
STD. ENCL. (NET WT.) SHIP WT LBS	(1416) 1526	(1457) 1567	(1537) 1647	(1796) 1956	(2216) 2346	(2093) 2223	(2756) 2976	(2846) 3066	(3047) 3267	(3347) 3594											
OPEN SET (NET WT.) SHIP WT. LBS	(1016) 1096	(1057) 1137	(1137) 1217	(1316) 1396	(1891) 1991	(1613) 1713	(2006) 2196	(2096) 2286	(2297) 2487	(2624) 2814											

NOTES : STARTING BATTERY IS NOT FURNISHED WITH THESE SENTRY-PRO GENERATORS. FUEL RATINGS BASED ON 1000 BTU FOR NATURAL GAS, 2500 BTU FOR LPG, AT STANDBY RATING.
LPG FUEL = 2,500 BTU X CU FT/HR = TOTAL RUNNING BTU CONSUMPTION. NAT. GAS = 1,000 BTU X CU FT / HR = TOTAL RUNNING BTU CONSUMPTION.