

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	47	62	59	78	73	105	94	116	128	142	
	STANDBY KW @ 1 Ø 130° C R/R	19	19	25	25	30	27	40	37	50	45	60	57	75	71	100	90	115	125	140	150
	STANDBY AMPS @ 120 VOLT,1Ø	158	158	208	208	250	226	334	308	416	376	500	474	624	592	832	750	958	1042	1166	
	STANDBY AMPS @ 240 VOLT,1Ø	79	79	104	104	125	113	167	154	208	188	250	237	312	296	416	375	479	521	583	625
3 PHASE	MAXIMUM KVA @ 3Ø 150° C R/R	26	25	34	34	40	36	52	48	64	58	70	68	103	100	128	115	150	159	178	
	STANDBY KVA @ 3Ø 130° C R/R	25	25	31	31	37.5	33.7	50	45	62.5	56	68.7	65	100	97.5	125	112.5	144	156	175	187.5
	STANDBY KW @ 3 PHASE .8 P.F.	20	20	25	25	30	27	40	36	50	45	55	52	80	78	100	90	115	125	140	150
	STANDBY AMPS @ 208 VOLT,3Ø	69	69	87	87	104	94	139	125	174	156	191	181	278	271	347	313	399	434	486	521
	STANDBY AMPS @ 240 VOLT,3Ø	60	60	75	75	90	81	120	108	151	135	166	157	241	235	301	271	346	376	422	452
	STANDBY AMPS @ 480 VOLT,3Ø	30	30	38	38	45	41	63	57	75	68	90	86	120	117	151	135	173	188	211	226
STANDBY AMPS @ 220 VOLT,3Ø	66	66	82	82	99	89	131	118	164	140	181	171	263	256	328	296	378	411	460	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		81		85		87		88		90		96		99		
dB(A) @ 7 M, STD ENCL & RES MUFFLER	73		73		74		75		76		80		83		85		88		87		
dB(A) @ 7 M, SS ENCL & CRIT MUFFLER	70		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. NOTE: 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

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