

SENTRY-PRO

RESIDENTIAL STANDBY SET
WITH LPG-NATURAL GAS FUEL

SPS, SPH & SPV SERIES RESIDENTIAL AND SMALL BUSINESS STANDBY GENERATOR SET. CONSULT OPTIONAL EQUIPMENT FOR AUTOMATIC TRANSFER SWITCH, AND OTHER ITEMS FOR SPECIFIC USE APPLICATIONS.

60 HERTZ

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

GENERATOR MODEL FOR SINGLE PH.		SPS-100		SPS-120		SPH-120		SPV-160	
TYPE OF FUEL USED		LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS
1 PH.	MAXIMUM KW @ SINGLE PHASE	10.5	9.0	12.5	10.5	11.5	9.5	16.0	14.0
	STANDBY KW @ SINGLE PHASE	10.0	8.5	12.0	10.0	11.0	9.0	15.0	12.5
	STANDBY AMPS @ 120 VOLTS	83.0	75.0	100	84	92	75	124	104
	STANDBY AMPS @ 240 VOLTS	41.5	37.5	50	42	46	37.5	62	52
3 PHASE	MAXIMUM KVA @ 3 PHASE .8 P.F.	13.0	11.0	15.5	13.0	14.0	11.5	20.0	17.5
	STANDBY KVA @ 3 PHASE .8 P.F.	12.5	10.5	15.0	12.0	13.5	11.0	18.8	15.6
	STANDBY KW @ 3 PHASE .8 P.F.	10.0	8.5	12.0	10.0	11.0	9.0	15.0	12.5
	STANDBY AMPS @ 208 VOLT, 3Ø	35	29.5	41.5	35	38	31	52	43
	STANDBY AMPS @ 240 VOLT, 3Ø	30	25.5	36.0	30	33	27	45	37
	STANDBY AMPS @ 480 VOLT, 3Ø	15	13	18	15	16	13	22	18
STANDBY AMPS @ 220 VOLT, 3Ø	33	30	39	33	36	30	49	41	
ENGINE BRAND		SUBARU EH65		SUBARU EH72		HONDA GX670K1VXC2		VANGUARD DM950G	
ENGINE COOLING		AIR COOLED						LIQUID COOLED	
ENGINE NAME PLATE HP RATING		18	16	20	18	19	16	28	23
ENGINE CU. CENTIMETERS		653	653	720	720	670	670	952	952
ENGINE CYLINDERS		2	2	2	2	2	2	3	3
ENGINE LUBRICATION		ALL MODELS : FULL PRESSURE OIL LUBRICATION WITH ADDITIONAL SPIN-OFF REPLACEABLE OIL FILTER							
SUPER QUIET MUFFLER		ALL MODELS : SPECIAL RESIDENTIAL STYLE MUFFLER FOR OPTIMUM EXHAUST SOUND REDUCTION							
FUEL USE @ 100% LOAD (FT ³ /HR)		72	147	90	197	85	192	125	280
dB(A) AT 7 M (E=STD. ENCL., O=OPEN)		E = 69, O = 73		E = 70, O = 76		E = 72, O = 78		E = 74, O = 80	
GENERATOR REGULATION		±5% VOLTAGE REGULATION						±1/2% VOLT. REGULATION	
FREQUENCY REGULATION		5% FREQUENCY REGULATION ON ALL MODELS							
"KLEEN-POWER"		WAVEFORM (SINE-WAVE) HARMONIC DISTORTION IS LIMITED TO JUST 6% ON ALL SENTRY-PRO GENERATORS							
"TIF" DISTORTION		TELEPHONE INTERFERENCE FACTOR (TIF) DISTORTION IS LIMITED TO JUST 250							
CODE G ELECT. MOTOR START		2 1/2 HP	2 HP	5 HP	3 HP	4 HP	2 HP	6 HP	5 HP
GEN-SET SHUTDOWNS		ALL MODELS : 15 SECOND CRANK, 15 SECOND REST FOR (3) INDIVIDUAL STARTING ATTEMPTS BEFORE SHUTDOWN. AUTO SHUTDOWN FOR : LOW BATTERY VOLTS, UNDERSPEED, OVERSPEED, HIGH TEMPERATURE, AND LOW OIL SHUTDOWN							
MAIN CIRCUIT BREAKER		ALL MODELS : STANDARD EQUIPMENT (OPTIONAL ON ALL 3 PHASE GEN-SETS)							
TIME DELAY, ENG START		ALL MODELS : 10 SECOND DELAY BEFORE ENGINE STARTS TO AVOID NUISANCE ON-OFF STARTING							
TIME DELAY, COOL DOWN		ALL MODELS : 5 MINUTE DELAY ON SHUT DOWN TO COOL DOWN GEN-SET AT NO LOAD RUNNING							
RECOMENDED STARTING BATTERY		12 VDC, 390 CCA, 45 AMP/HR MIN. SIZE NOTE: LARGER BATTERY SIZE MAY BE REQUIRED COLDER THAN 20°F							
AUTOMATIC BATTERY CHARGER		ALL MODELS: AUTOMATIC 3-STAGE, FLOAT TYPE, 2 AMP BATTERY CHARGER							
AUTOMATIC START-STOP CONTROLS		ALL MODELS HAVE 2-WIRE SENSING CONTROLLER. MICROPROCESSOR BASED, DIGITAL CONTROLLER WITH MODE SELECTOR: "TEST", "STANDBY", "OFF" POSITIONS, RUN TIME METER, AND BUILT IN LED ANNUNCIATORS: HIGH TEMP, OVERCRANK, OVERSPEED, ENGINE RUNNING, UNDERSPEED/ FAIL, LOW OIL, NOT IN STANDBY, AND LOW BATTERY VOLTAGE.							
WEATHER ENCLOSURE		ALL MODELS: ZINC PHOSPHATE ETCHING, E-COATED PRIMER, FINAL POWDER COAT FINISH.							
APPROX. L X W X H HOUSED (OPEN)		48" LG X 28" WI X 28" HI (44" LG X 28" WI X 23" HI)						70"X37"X38" (52"X37"X29")	
NET WT. OPEN SET Lbs		360		380		360		950	
SHIP WT. OPEN SET Lbs		410		430		410		1050	
NET WT. STANDARD HOUSING Lbs		510		530		510		1150	
SHIP WT. STANDARD HOUSING Lbs		560		580		560		1250	
NET WT. SUPER-SILENT HOUSING Lbs		535		555		535		1200	
SHIP WT. SUPER-SILENT HOUSING Lbs		585		600		585		1300	

NOTES : PRIMARY REGULATOR FOR LPG TANK IS NOT FURNISHED. ALL DRY FUEL, (LPG AND NATURAL GAS) ENGINES HAVE CARBURETORS SET FOR 6 OUNCE FUEL PRESSURE (11" WATER COLUMN).