

SENTRY-PRO

RESIDENTIAL STANDBY SET
WITH LPG-NATURAL GAS FUEL

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

50 HERTZ

**1 PHASE, 110/220 VOLTS OR
3 PHASE, 220, 380, 415, 400 VOLTS**

GENERATOR MODEL FOR SINGLE PH.		SPH-85-5		SPH-100-5		SPH-120-5		SPV-160-5	
TYPE OF FUEL USED		LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS
1 PH.	MAXIMUM KW @ SINGLE PHASE	7.5	7.5	8.5	8.0	10.5	9.0	12.5	11.0
	STANDBY KW @ SINGLE PHASE	7.5	7.0	7.5	7.0	9.5	8.5	12.0	10.0
	STANDBY AMPS @ 110 VOLTS	68	64	68	64	86	76	108	90
	STANDBY AMPS @ 220 VOLTS	34	32	34	32	43	38	54	45
3 PHASE	MAXIMUM KVA @ 3 PHASE .8 P.F.	9.5	9.5	10.5	10.0	13.0	11.3	15.6	13.8
	STANDBY KVA @ 3 PHASE .8 P.F.	9.5	8.8	9.5	8.8	11.8	10.5	15.0	12.5
	STANDBY KW @ 3 PHASE .8 P.F.	7.5	7.0	7.5	7.0	9.5	8.5	12.0	10.0
	STANDBY AMPS @ 220 VOLT, 3Ø	24	23	24	23	31	28	39	32
	STANDBY AMPS @ 380 VOLT, 3Ø	14	13	14	13	18	16	22	19
	STANDBY AMPS @ 415 VOLT, 3Ø	13	12	13	12	16	15	20	17
	STANDBY AMPS @ 400 VOLT, 3Ø	13	13	13	13	17	15	21	18
	ENGINE BRAND	HONDA GX620K1VXC2				HONDA GX670K1VXC2		VANGUARD DM950G	
ENGINE COOLING	AIR COOLED				AIR COOLED		LIQUID COOLED		
ENGINE NAME PLATE HP RATING *	20 (16)	20 (15)	20 (16)	20 (15)	24 (19)	24 (17)	28 (22)	28 (20)	
ENGINE CU. CENTIMETERS	614	614	614	614	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)	37	81	52	112	68	154	100	224	
FUEL USE @ 75% LOAD (FT ³ /HR)	26	56	36	78	51	115	75	168	
dB(A) AT 7 M (E=STD. ENCL., O=OPEN)	E=67, O=70	E=66, O=69	E=69, O=75	E=68, O=74	E=71, O=77	E=70, O=76	E=75, O=81	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 7 % ON ALL SENTRY-PRO GENERATORS								
"TIF" DISTORTION	TELEPHONE INTERFERENCE FACTOR (TIF) DISTORTION IS LIMITED TO JUST 250								
CODE G ELECT. MOTOR START	1 HP	3/4 HP	2 1/2 HP	2 HP	3 1/2 HP	3 HP	5 HP	4 1/2 HP	
GEN-SET SHUTDOWNS	ALL MODELS : 15 SECOND CRANK, 15 SECOND REST. (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								
FURNISHED STARTING BATTERY SIZE	12 VDC, 390 CCA, 45 AMP/HR MIN. SIZE								
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 : ALL GALVANEEL WEATHER ENCLOSURE WITH POWDER COAT PAINT SOUND PROOFING SYSTEM								
APPROX. L X W X H HOUSED (OPEN)	43" LG X 31" WI X 28" HI (36" LG X 31" WI X 25" HI)				57"X34"X32" (48"X34"X29")				
NET WT. OPEN SET Lbs	290		300		345		430		
SHIP WT. OPEN SET Lbs	340		350		395		495		
NET WT. STANDARD HOUSING Lbs	405		415		460		570		
SHIP WT. STANDARD HOUSING Lbs	455		465		510		620		
NET WT. SUPER-SILENT HOUSING Lbs	430		440		485		615		
SHIP WT. SUPER-SILENT HOUSING Lbs	480		490		535		665		

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).
NOTIFY GILLETTE FOR SPECIAL CARBURETOR IF YOUR NATURAL GAS PRESSURE IS 4 OUNCE FUEL PRESSURE (7" WATER COLUMN). * ACTUAL ENGINE HP IS IN PARENTHESIS FOR 3000 RPM.

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