

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.

60 HERTZ

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

GENERATOR MODEL FOR SINGLE PH.		SPV-80			SPH-100			SPH-120			SPV-160			
TYPE OF FUEL USED		LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS	LPG	NAT. GAS	
1 PH.	MAXIMUM KW @ SINGLE PHASE	8.0	7.0	10.0	9.5	12.0	11.0	16.0	14.0					
	STANDBY KW @ SINGLE PHASE	7.5	6.5	10.0	9.0	11.0	10.0	15.0	12.5					
	STANDBY AMPS @ 120 VOLTS	62	54	84	74	90	84	124	104					
	STANDBY AMPS @ 240 VOLTS	31	27	42	37	45	42	62	52					
3 PHASE	MAXIMUM KVA @ 3 PHASE .8 P.F.	10.0	8.8	12.5	11.8	15.0	13.8	20.0	17.5					
	STANDBY KVA @ 3 PHASE .8 P.F.	9.4	8	12.5	11.0	13.8	12.5	18.8	15.6					
	STANDBY KW @ 3 PHASE .8 P.F.	7.5	6.5	10.0	9.0	11.0	10.0	15.0	12.5					
	STANDBY AMPS @ 208 VOLT, 3Ø	26	23	35	31	38	35	52	43					
	STANDBY AMPS @ 240 VOLT, 3Ø	23	20	30	27	33	30	45	37					
	STANDBY AMPS @ 480 VOLT, 3Ø	11	10	15	13	16	15	22	18					
STANDBY AMPS @ 220 VOLT, 3Ø		25	21	33	30	36	33	49	41	VANGUARD				
ENGINE BRAND		VANGUARD			HONDA			VANGUARD			VANGUARD			
ENGINE COOLING		AIR COOLED											LIQUID COOLED	
ENGINE NAME PLATE HP RATING		16	16	20	20	24	24	28	28					28
ENGINE CU. CENTIMETERS		480	480	614	614	670	670	952	952					952
ENGINE CYLINDERS		2	2	2	2	2	2	3	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 (FT³ /HR)		45	101	65	140	85	192	125	280					
FUEL USE @ 75% LOAD (FT³ /HR))		33	70	45	98	64	144	95	210					
dB(A) AT 7 M (E=STD. ENCL., O=OPEN)		E=70, O=74	E=69, O=73	E=70, O=76	E=69, O=75	E=72, O=78	E=71, O=77	E=71, O=77	E=70, O=76					
GENERATOR REGULATION		±5% VOLTAGE 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 1/2 HP	1 HP	3 HP	2 1/2 HP	4 HP	3 1/2 HP	6 HP	5 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												
STARTING BATTERY SIZE		12 VDC, 500 CCA, 55 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)											53"X34"X36" (48"X32"X33")	
NET WT. OPEN SET Lbs		265		300		345		430						
SHIP WT. OPEN SET Lbs		315		350		395		495						
NET WT. STANDARD HOUSING Lbs		380		415		460		570						
SHIP WT. STANDARD HOUSING Lbs		430		465		510		620						
NET WT. SUPER-SILENT HOUSING Lbs		405		440		485		615						
SHIP WT. SUPER-SILENT HOUSING Lbs		450		490		535		665						

NOTES : STARTING BATTERY IS NOT FURNISHED WITH THESE SENTRY-PRO GENERATORS. 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).