

**SENTRY-PRO JOHN DEERE
WITH DIESEL FUEL**

AUTO. START-STOP, DIESEL 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	SPLD-150	SPJD-250	SPJD-300	SPJD-420	SPJD-520	SPJD-600	SPJD-800	SPJD-1000	SPJD-1250	SPJD-1550	SPJD-1800	SPJD-2100	SPJD-2500	SPJD-2800	
1 PH.	MAXIMUM KW @ 1 Ø 150 C° R/R	15.0	28	32	45	52	62	78	104	119	158	177	212	245	290
	STANDBY KW @ 1 Ø 130 C° R/R	14.0	25	30	41	50	60	75	100	115	155	175	210	240	280
	STANDBY AMPS @ 120 VOLT, 1Ø	116	208	250	340	416	500	624	832	958	1292	1558	1750	2000	2334
	STANDBY AMPS @ 240 VOLT, 1Ø	58	104	125	170	208	250	312	416	479	646	729	875	1000	1167
3 PHASE	MAXIMUM KVA @ 3 Ø 150 C° R/R	18.8	34	40	55	69	80	103	128	160	192	228	265	314	352
	STANDBY KVA @ 3 Ø 130 C° R/R	17.5	31	37.5	52.5	65	68.8/75*	100	125	156	188.8/193.8*	218.8/180*	262.5	312.5	350
	STANDBY KW @ 3 Ø 130 C° R/R	14.0	25	30	42	52	55/60*	80	100	125	151/155*	175/180*	210	250	280
	STANDBY AMPS @ 208 VOLT, 3Ø	49	87	104	146	181	208	278	347	434	525	608	729	868	973
	STANDBY AMPS @ 240 VOLT, 3Ø	42	75	90	126	156	181	241	301	376	455	527	632	753	843
	STANDBY AMPS @ 480 VOLT, 3Ø	21	42	45	63	78	90	120	151	188	233	271	316	376	422
STANDBY AMPS @ 220 VOLT, 3Ø	46	82	98	110	171	197	263	328	411	496	575	690	821	920	
ENGINE BRAND	LOMBARDINI		JOHN DEERE												
ENGINE MODEL NO.	LDW1630	4024TF270	4024TF270	4024HF285	4024HF285	5030HF285	4045HF250	4045HF285	6068HF285	6068HF285	6068HF485	6068HF485	6069HF485	6069HF485	
ENGINE HORSE POWER MAX RATING	25 HP	48 HP	48 HP	80HP	80HP	97HP	126 HP	158 HP	198 HP	237 HP	315 HP	315 HP	422 HP	422 HP	
ENGINE CUBIC IN. DISPL. (LITERS)	100 (1.65)	149 (2.4)	149 (2.4)	276 (4.5)	276 (4.5)	186 (3.05)	276 (4.5)	267 (4.5)	415(6.8)	415(6.8)	415 (6.8)	415 (6.8)	548 (9)	548 (9)	
ENGINE CYLINDERS	4	4	4	4	4	5	4	4	6	6	6	6	6	6	
ENGINE INDUCTION SYSTEM	NATURALLY ASPERATED	TURBO CHARGED INDUCTION SYSTEM ON ALL JOHN DEERE DIESEL ENGINES													
FUEL INJECTION SYSTEM	DIRECT W/ "GLO" PLUGS	DIRECT INJECTION ("GLO" PLUGS ARE OPTIONAL)													
ENGINE LUBRICATION	ALL MODELS FULL PRESSURE OIL LUBRICATION WITH ADDITIONAL SPIN-ON REPLACEMENT OIL FILTER														
MUFFLER GRADE	OPEN SETS = INDUSTRIAL GRADE MUFFLER.--STANDARD HOUSINGS = RESIDENTIAL GRADE MUFFLER.--SUPER-SILENT HOUSINGS = CRITICAL GRADE MUFFLER														
FUEL USE @ 100% LOAD GAL./HR (L/HR)	1.5 (5.6)	2.2 (8.3)	2.8 (10.5)	3.75 (14.2)	4.40 (16.8)	4.90 (18.8)	6.60 (25)	7.90 (29.9)	9.60 (36.8)	12.10 (45.8)	13.6 (51.4)	15.5 (58.7)	17.0 (66)	19.0 (75)	
FUEL USE @ 75% LOAD GAL./HR (L/HR)	1.00 (4.0)	1.70 (6.4)	2.1 (8.0)	2.8 (10.6)	3.30 (12.5)	3.80 (14.4)	5.40 (20)	6.00 (22.7)	7.00 (26.8)	9.40 (35.8)	10.4 (39.4)	11.3 (42.8)	13.5 (50.5)	15.0 (56.7)	
ENGINE ALTERNATOR OUTPUT	ALL DIESEL ENGINES : 55 AMPS FOR CHARGING MAX. AMPERAGE AT 12 VOLTS DC														
dB(A) @ 7 M, OPEN NO / FULL LOAD	80/83	80/81	81/82	83/84	85/87	86/89	90/93	93/96	96/99	99/103	101/104	102/106	103/105	103/105	
dB(A) @ 7 M, STD. ENCL. NO/FULL LOAD	72/75	72/74	73/75	75/78	77/80	81/84	84/86	86/88	87/89	90/92	91/92	92/93	93/94	94/95	
dB(A) @ 7 M, S.S. ENCL. NO/FULL LOAD	63/66	67/69	68/70	70/72	72/74	76/79	78/80	81/83	83/85	85/86	87/86	87/88	87/88	89/90	
GENERATOR REGULATION	ALL MODELS : PLUS-MINUS 1% VOLTAGE REGULATION USING SOLID STATE EXTERNAL VOLTAGE REGULATOR														
FREQUENCY (SPEED) REGULATION	+/- 2 1/2%	ALL MODELS : ELECTRONIC GOVERNOR WITH PLUS / MINUS 1/4% FREQUENCY REGULATION													
ENGINE COOLING	ALL MODELS : LIQUID COOLED WITH PUSHER FAN AND 125°F RADIATOR														
ENGINE PROTECTION CONTROLS	AUTOMATIC ENGINE SHUTDOWN FOR : LOW OIL, HIGH TEMPERATURE, OVERSPEED, UNDERSPEED, FAIL TO START, BATTERY CHARGE FAIL AND LOW RADIATOR COOLANT LEVEL														
"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 OUTPUTS. THE CONTROLLER ALSO INCLUDES AN ENGINE HOUR METER WITH LCD DISPLAY.														
"KLEEN-POWER"®	ALL MODELS : MAXIMUM THD AT 4% DISTORTION ON GENERATOR SINE WAVE														
BATTERIES REQUIRED	(1) 600CCA	(1) 12 VDC BATTERY WITH 800 CCA CAPACITY										(2) 12 VDC BATTERIES WITH 800 CCA			
WEATHER/SOUND ENCLOSURE	E-COATED STEEL WEATHER ENCLOSURE W/ POWDER COAT FINISH & SOUND PROOFING FOAM ON BOTH STD. & SUPER-SILENT ENCLOSURES														
APPRX. LG X WI X HI w/ SUPER-SILENT	70" X 36" X 38"	96" X 36" X 47"			110" X 42" X 53"			146" X 48" X 68"			158" X 48" X 71"				
APPRX. LG X WI X HI w/ STD. ENCL.	70" X 36" X 38"	82" X 36" X 47"			94" X 42" X 53"			122" X 48" X 68"			134" X 48" X 71"				
APPRX. LG X WI X HI NO ENCL. (OPEN)	52" X 36" X 30"	68" X 36" X 40"			78" X 42" X 49"			98" X 48" X 58"			110" X 48" X 60"				
SUPER-SILENT (NET WT.) SHIP WT LBS	(1350) 1450	(1879) 1980	(1929) 2089	(2029) 2189	(2179) 2339	(2331) 2491	(3297) 3547	(3527) 3777	(4169) 4489	(4469) 4794	(4839) 4979	(4879) 5199	(5995) 6270	(5881) 6246	
STD. ENCL. (NET WT.) SHIP WT LBS	(1250) 1350	(1674) 1782	(1749) 1879	(1849) 1979	(1999) 2129	(2152) 2281	(3084) 3304	(3174) 3394	(3909) 4189	(4119) 4396	(4419) 4719	(4559) 4839	(5675) 5950	(5561) 5886	
OPEN SET (NET WT.) SHIP WT LBS	(950) 1050	(1294) 1399	(1269) 1369	(1369) 1469	(1519) 1619	(1671) 1771	(2334) 2524	(2557) 2747	(3059) 3309	(3209) 3459	(3589) 3839	(3709) 3959	(4575) 4850	(4461) 4736	

NOTES : STARTING BATTERY IS NOT FURNISHED WITH THESE SENTRY-PRO GENERATORS. * STANDBY POWER VARIES DEPENDING ON 3 PHASE VOLTAGE

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