

# SENTRY-PRO FPT (IVECO) 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		SPID-500	SPID-600	SPID-800	SPID-1000	SPID-1250	SPID-1500	SPID-1800	SPID-2500	SPID-3000	SPID-3500	
1 PH.	STANDBY KW @ 1 Ø 130 C° R/R	50	58	75	100	115	150	175	240	280	330	
	PRIME KW @ 1 Ø 105 C° R/R	44	50	70	90	103	135	155	216	240	310	
	STANDBY AMPS @ 120 VOLT, 1Ø	416	484	624	822	958	1250	1458	2000	2334	2750	
	STANDBY AMPS @ 240 VOLT, 1Ø	208	242	312	416	479	625	729	1000	1167	1375	
3 PHASE	STANDBY KW @ 3 Ø 130 C° R/R	50	60	80	100	125	150	180	250	300	350	
	STANDBY KVA @ 3 Ø 130 C° R/R	62.5	75	100	125	156	188	225	312.5	375	437.5	
	PRIME KW @ 3 Ø 105 C° R/R	44	51	72	90	110	136	165	225	260	329	
	STANDBY AMPS @ 208 VOLT, 3Ø	173	208	278	347	434	521	611	868	1042	1216	
	STANDBY AMPS @ 240 VOLT, 3Ø	151	181	241	301	376	452	530	753	903	1054	
	STANDBY AMPS @ 480 VOLT, 3Ø	75	90	120	151	188	226	271	376	452	527	
STANDBY AMPS @ 220 VOLT, 3Ø	164	197	263	328	411	493	578	821	985	1150		
ENGINE BRAND	FIAT POWERTRAIN (IVECO)											
ENGINE MODEL NO.	NEFF45SM1X	NEFF45SM2X	NEFF45TM2X	NEFF67TM1X		NEFF67TE1X	NEFF67TE2X	CB7-TEID	C10-TIED	C13-TIED		
ENGINE HORSE POWER MAX RATING	76 HP	90 HP	131 HP	198HP	198HP	218 HP	267 HP	369 HP	416 HP	496 HP		
ENGINE CUBIC IN. DISPL. (LITERS)	267 (4.5)	276 (4.5)	276 (4.5)	109 (6.7)	109 (6.7)	409 (6.7)	409 (6.7)	529 (8.7)	626 (8.7)	783(12.88)		
ENGINE CYLINDERS	4	4	4	4	4	6	6	6	6	6		
ENGINE INDUCTION SYSTEM	TURBO CHARGED					TURBO CHARGED WITH AIR TO AIR AFTER COOLER						
FUEL INJECTION SYSTEM	DIRECT INJECTION WITH OPTIONAL "GLO" PLUGS, ELECTRONIC INJECTION PUMP, FUEL FILTER WITH WATER SEPERATOR											
ENGINE LUBRICATION	FULL PRESSURE OIL LUBRICATION WITH ADDITIONAL SPIN-ON REPLACEMENT OIL FILTER									(2) OIL FILTERS PER ENGINE		
MUFFLER GRADE	OPEN SETS = INDUSTRIAL GRADE MUFFLER.--STANDARD HOUSINGS = RESIDENTIAL GRADE MUFFLER.--SUPER-SILENT HOUSINGS = CRITICAL GRADE											
FUEL USE @ 100% LOAD GAL./HR (L/HR)	4.1 (15.5)	4.82 (18.2)	6.6 (24.8)	9.6 (36.3)	10.6 (40.1)	10.8 (41.0)	13.5 (51.0)	17.7 (67.0)	22.0(83.7)	24.0 (90.8)		
FUEL USE @ 75% LOAD GAL./HR (L/HR)	3.09 (11.7)	3.64 (13.8)	4.1 (15.5)	6.7 (25.2)	7.5 (28.4)	8.5 (32.3)	10.3 (38.9)	13.3 (50.3)	18.5 (70.1)	20.4 (77.2)		
ENGINE ALTERNATOR OUTPUT	ALL DIESEL ENGINES : 90 AMPS FOR CHARGING MAX. AMPERAGE AT 12 VOLTS DC											
dB(A) @ 7 M, OPEN NO / FULL LOAD	91/93	88/91	90/93	92/94	93/95	94/96	98/101	96/97	97/99	97/99		
dB(A) @ 7 M, STD. ENCL. NO/FULL LOAD	87/89	77/80	84/86	89/88	87/89	90/92	97/93	93/94	94/96	94/96		
dB(A) @ 7 M, S.S. ENCL. NO/FULL LOAD	83/85	72/74	78/80	81/83	83/85	85/86	87/86	87/88	89/90	88/89		
GENERATOR REGULATION	ALL MODELS : PLUS-MINUS 1% VOLTAGE REGULATION USING SOLID STATE EXTERNAL VOLTAGE REGULATOR											
FREQUENCY (SPEED) REGULATION	MECHANICAL GOVERNOR WITH PLUS / MINUS 1%					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 & LOW COOLANT LEVEL											
"SENTINEL-SCOUT" ENGINE AUTO START-STOP AND PROTECTION MODULE.	THIS FLEXIBLE DIGITAL CONTROLLER ALLOWS PROGRAMMING TO BASIC ENGINE FUNCTIONS, IN THE FIELD. : LOW OIL, HIGH TEMPERATURE, OVERSPEED, UNDERSPEED, FAIL TO START, BATTERY CHARGE FAIL AND (2) AUXILIARY LED. 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) 12 VDC BATTERY WITH MINIMUM 800 CCA CAPACITY							24 VDC SYSTEM WITH 800 CCA CAPACITY				
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	110" X 42" X 53"		146" X 48" X 68"		158" X 48" X 71"				186" X 56" X 71"			
APPRX. LG X WI X HI w/ STD. ENCL.	94" X 42" X 53"		122" X 48" X 68"		134" X 48" X 71"				158" X 56" X 71"			
APPRX. LG X WI X HI NO ENCL. (OPEN)	78" X 42" X 37"		98" X 48" X 52"		110" X 48" X 55"				130" X 56" X 65"			
SUPER-SILENT (NET WT.) SHIP WT LBS	(2630) 2790	(2801) 2961	(3398) 3648	(3723) 3973	(4240) 4560	(4429) 4749	(4749) 5069	(7075) 7420	(6343) 6680	(7313) 7658		
STD. ENCL. (NET WT.) SHIP WT LBS	(2450) 2580	(2621) 2751	(3178) 3398	(3636) 3856	(3980) 4260	(4169) 4449	(4489) 4769	(6815) 7120	(6023) 6328	(6968) 7043		
OPEN SET (NET WT.) SHIP WT LBS	(1970) 2070	(2141) 2241	(2428) 2618	(3503) 3723	(3130) 3380	(3319) 3569	(3639) 3889	(5715) 5990	(4923) 5198	(5843) 6118		

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

Form GIL-SPC-349-20090511

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