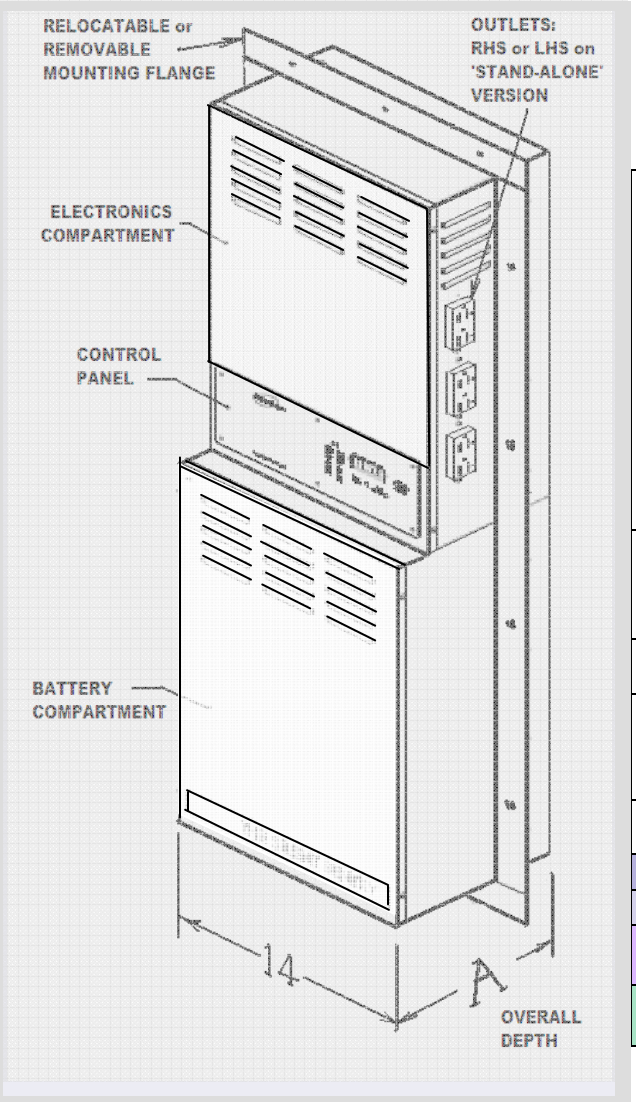

The Silent Sentry® Product Specifications

FEATURES		MODEL DESIGNATION																						
		POINT-OF-USE "STAND-ALONE"												ELECTRICIAN HARDWIRED										
		SSA2020T	SSA2030T	SSA2042T	SSA2520R	SSA2530R	SSA2542R	SSA2820MS	SSA2830MS	SSA2842MS	SSA3120M	SSA3130M	SSA3142M	SSH2020T	SSH2030T	SSH2042T	SSH2520R	SSH2530R	SSH2542R	SSH2820MS	SSH2830MS	SSH2842MS	SSH3020M	SSH3030M	SSH3042M
NOMINAL WATT RATING	2000	•	•	•										•	•	•								
	2500				•	•	•										•	•	•						
	2800							•	•	•										•	•	•			
	3100										•	•	•										•	•	•
INVERTER SPEC. CODE (see below)		T	T	T	R	R	R	S	S	S	M	M	M	T	T	T	R	R	R	S	S	S	M	M	M
BATTERY BANK SIZE, 12V-AH@10Hr	200	•			•			•			•			•			•			•			•		
	300		•			•			•			•			•			•			•			•	
	420			•			•			•			•			•			•			•			•
DIMENSION 'A'		7¾	9¾	11	7¾	9¾	11	7¾	9¾	11	7¾	9¾	11	7¾	9¾	11	7¾	9¾	11	7¾	9¾	11	7¾	9¾	11
AUTO-TRANSFERSWITCH		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AUTO-RECHARGER		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NEMA 5-15R OUTLETS		4	4	4	6	6	6	6	6	6	6	6	6												
UL-489 BREAKERS														3	3	3	4	4	4	4	4	4	4	4	4

NOTES:
--If inset-mounted, wall opening to be 47"H x 14¼"W.
--Inset depth can be adjusted from flush to 3½".
--If installation to be after wallboard, provide a 30A, 120V feed and up to 4 branch-circuit feeds in studwall bay - to be terminated in the unit upon installation.
--Unit is shipped completely prewired, batteries (sealed, VRLA) are installed after mounting.
--Can be configured for floor-standing (remove flanges), but must be attached to wall or support.
--Power cord inlet and outlets may be on right or left (StandAlone version).
--Hardwire cable connections typically at top, rear.
--Can be configured to control an auto-start generator either on-demand or by time-of-day.
--Solar, Wind or Micro-hydro recharge kits available.

INVERTER SPECIFICATION DETAILS

T	Max. continuous output: 2000 watts, 16.7 amps Surge output: 3000 watts, 25 amps	Recharger capacity: 80 ADC 2-stage - logically controlled by pass-thru load and battery temp.	Output waveform: Modified sine 30 Month warrantee
R	Max. continuous output: 2500 watts, 20.7 amps Surge output: 5700 watts, 48 amps	Recharger capacity: 80 ADC 2-stage - logically controlled by pass-thru load and battery temp.	Output waveform: Modified sine 30 Month warrantee
M	Max. continuous output: 3100 watts, 25 amps Surge output: 4800watts, 50 amps	Recharger capacity: 120 ADC 5-stage - logically controlled by pass-thru load and battery temp.	Output waveform: Modified sine 30 Month warrantee
S	Max. continuous output: 4000VA, 25 amps Surge output: 5400 watts, 45 amps	Recharger capacity: 105 ADC 4-stage logically controlled by pass-thru load and battery temp.	Output waveform: Pure sine 30 Month warrantee

Battery Sizing: 420 A-H battery capacity will support about 15 amps @ 120 volts for 2 hours or 21 amps for 1 hour. 200 A-H bank will support 10 amps for an hour. (These are approximations. Contact us for more accurate estimates, FREE.)