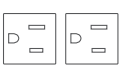
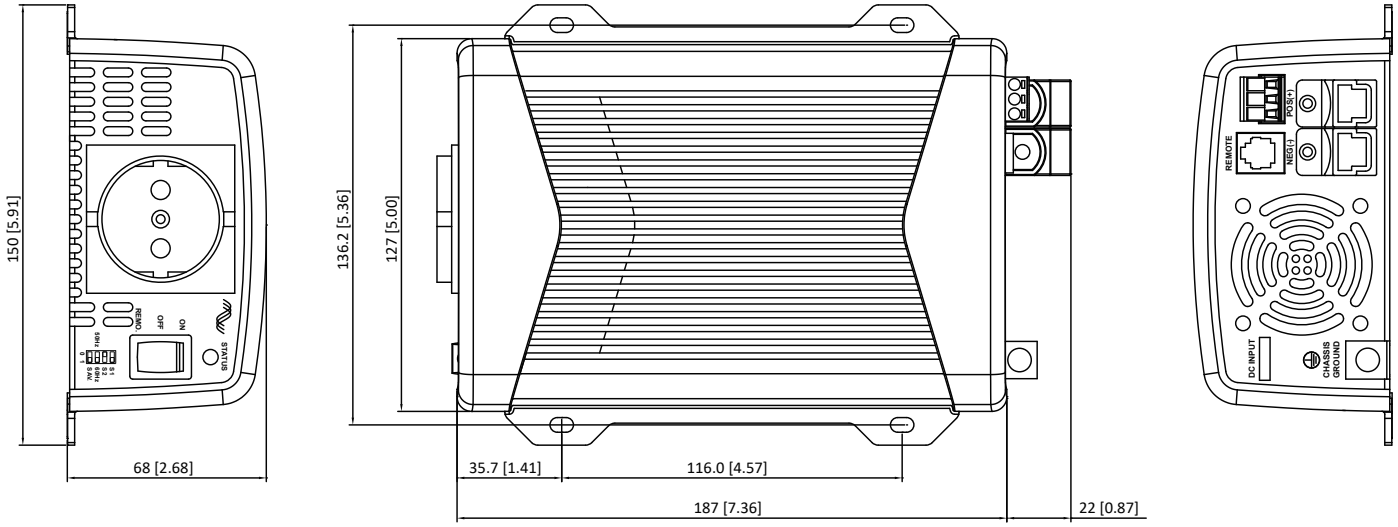
Feature:

- Pure sine wave output
- Power ON / OFF remote control (Green Terminal)
- Remote controller CR-8 (optional)
- Input & Output fully isolation
- Temperature & Load controlled cooling fan
- Built in advance microprocessor to provide friendly interface
- Output frequency 50 / 60 Hz selectable by DIP switch
- Output voltage DIP switch selectable
- Adjustable power saving mode by variable resister
- Input protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output protection: Short Circuit / Overload / Over Temperature
- E13 / UL / CE / FCC approved

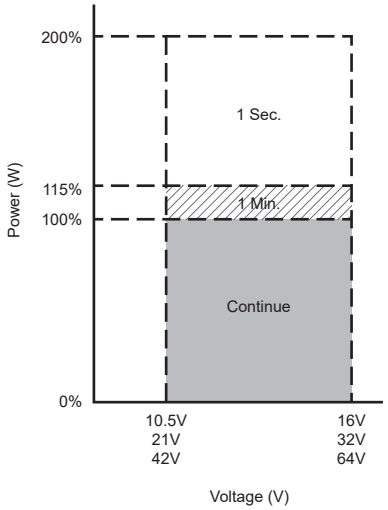
Model No.		SE400-112	SE400-124	SE400-148	SE400-212	SE400-224	SE400-248
Output	AC Voltage	100 / 110 / 115 / 120VAC			200 / 220 / 230 / 240VAC		
	AC Regulation	±3%			±3%		
	Rated Power	400VA					
	Surge Power (1 Sec)	<800VA					
	Maximum Output Power (1 Min)	>400VA~460VA (100%~115%)					
	Output Waveform	Pure Sine Wave (THD<5%@Normal Load NOTE1)			Pure Sine Wave (THD<5%@Normal Load NOTE2)		
	Frequency	50 / 60 Hz ±0.5%					
Input	DC Voltage	12VDC	24VDC	48VDC	12VDC	24VDC	48VDC
	Voltage Range	10.5 ~ 16.0VDC	21.0 ~ 32.0VDC	42.0 ~ 64.0VDC	10.5 ~ 16.0VDC	21.0 ~ 32.0VDC	42.0 ~ 64.0VDC
	NO Load Current	≤1.0A@12VDC	≤0.5@24VDC	≤0.25A@48VDC	≤1.0A@12VDC	≤0.5A@24VDC	≤0.25A@48VDC
	Power Saving Mode	<0.2A@12VDC	<0.1A@24VDC	<0.05A@48VDC	<0.2A@12VDC	<0.1A@24VDC	<0.05A@48VDC
	Efficiency (Max.)	88%	89%	90%	88%	89%	90%
Protection	Input Under - Voltage Protection	10.5 VDC ±0.3	21.0 VDC ±0.5	42.0 VDC ±1.0	10.5 VDC ±0.3	21.0 VDC ±0.5	42.0 VDC ±1.0
	Input Under - Voltage Recovery	12.5 VDC ±0.3	25.0 VDC ±0.5	50.0 VDC ±1.0	12.5 VDC ±0.3	25.0 VDC ±0.3	50.0 VDC ±0.3
	Input Over - Voltage Protection	16.0 VDC ±0.3	32.0 VDC ±0.5	64.0 VDC ±1.0	16.0 VDC ±0.3	32.0 VDC ±0.5	64.0 VDC ±1.0
	Input Over - Voltage Recovery	14.5 VDC ±0.3	29.0 VDC ±0.5	58.0 VDC ±1.0	14.5 VDC ±0.3	28.0 VDC ±0.5	56.0 VDC ±0.5
	Output Overload	Shutdown output voltage, restart to recover					
	Output Short	Shutdown output voltage, restart to recover					
	Over Temperature	Heat sink temperature over 80°C±5°C, shutdown output voltage, recover automatically after heat sink temperature goes down to 60°C±5°C					
	DC Input Reverse Polarity	By fuse					
Environment	Operating Temp.	-20 ~ +40°C ; 60 °C °C @40% power load					
	Storage Temp.	-30°C ~ +70°C					
	Storage Temp. & Humidity	10 ~ 95% RH					
Safety & EMC	Safety Standards	Certified UL 458 NOTE3		---	Certified EN 62368-1		
	EMC Standards	Certified FCC class B			Certified EN 55032 class B; EN 55024 EN 61000-3-2, -3-3 EN 61000-4-2, 3, 4, 5, 6, 8, 11		
	E-mark	---			Certified CISPR 25 ISO 7637-2		
Control & Signal	Accessory (Optional)	Remote Control: CR-8					
	LED Indicator	Input voltage level, output load level and faulty status					
	Dry Contact Terminal	By relay					
	Remote Control Terminal	3-port green terminal					
Others	Product Dimension (W x H x D)	150 x 68 x 187 mm					
	Packing	Per Product1.22kgs ; Per Carton 6pcs /13.93kg /1.45CUFT					
	Cooling	Temperature & load controlled cooling fan					
	Application	Home and office appliances, portable power equipment, vehicle, yacht and off-grid Solar power systems ...etc.					
	Socket Type	North America (GFCI)  North America (NEMA 5-15R) 			Continental European (SCHUKO)  Australia / New Zealand  United Kingdom  Universal  France Connector 		

Note1 - Normal Condition: Vin=12.5V / 25V / 50V Vo=100 / 110 / 115 / 120 VAC 80% Full load (PF=1.0)
Note2 - Normal Condition: Vin=12.5V / 25V / 50V Vo=200 / 220 / 230 / 240 VAC 80% Full load (PF=1.0)
Note3 - UL only for GFCI receptacles

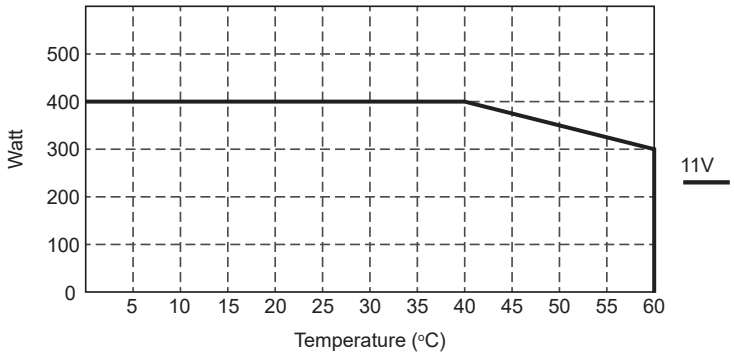
Mechanical Drawings :



SE400 Voltage & temperature performance :



SE400 voltage performance



SE400 temperature performance

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