

Features :

- True sine wave output (THD<3% @rated Vdc,Linear load)
- Power ON-OFF remote control
- Input & output fully isolation
- Load and thermo control cooling fan
- Output frequency 50/60 Hz switch selectable
- Output voltage / power saving mode selectable
- Input Protections: UVP / OVP
- Output Protections:SCP/OLP/OTP/OVP
- Low power saving mode <1W
- Tri-color indicators display status
- FCC class B approved
- Advanced microprocessor



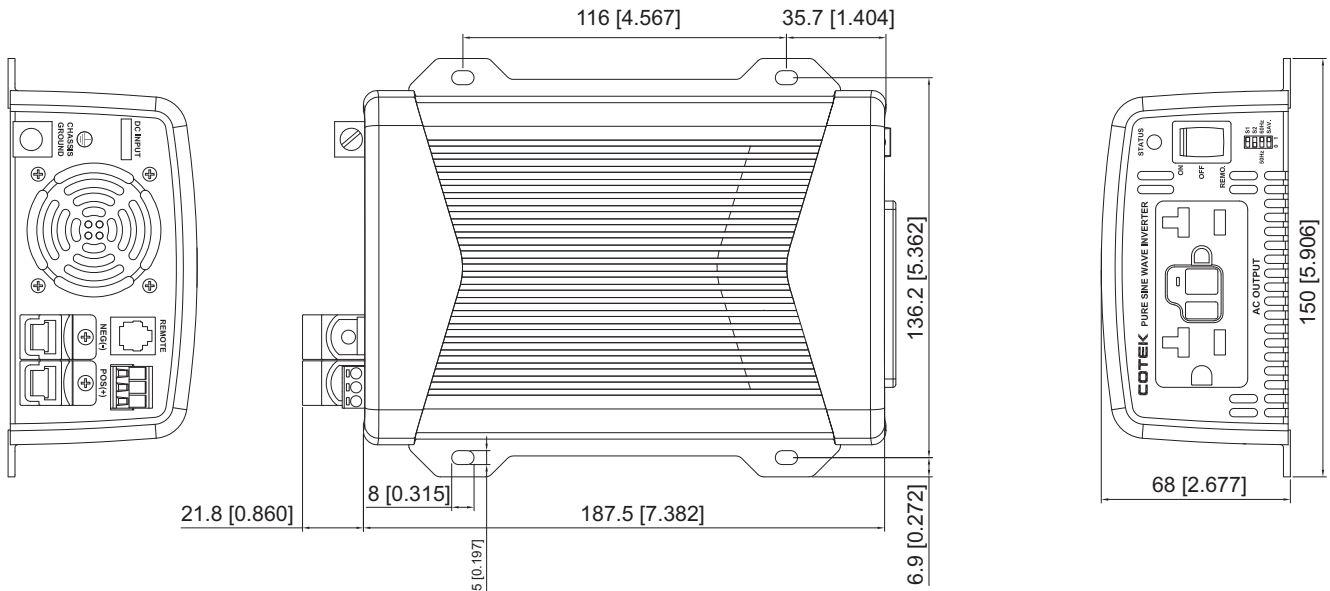
MODEL		SE350-112	SE350-124	SE350-148	SE350-212	SE350-224	SE350-248
Output	AC Voltage	100 /110 / 115 / 120 Vac $\pm 5\%$			200 / 220 / 230 / 240 Vac $\pm 5\%$		
	Rated Power	350W					
	Surge Power	700W					
	Waveform	Ture sine wave (THD<3% @ rated Vac linear load)					
	Frequency	50 / 60 Hz $\pm 0.1\%$					
Input	DC Voltage	12Vdc	24Vdc	48Vdc	12Vdc	24Vdc	48Vdc
	Voltage Range	10.0~15.5Vdc	20.0~31.0Vdc	40.0~62.0Vdc	10.0~15.5Vdc	20.0~31.0Vdc	40.0~62.0Vdc
	Efficiency (@rated Vdc.full load)	86%	87%	88%	87%	89%	90%
	No load power consumption	@12Vdc	@24Vdc	@48Vdc	@12Vdc	@24Vdc	@48Vdc
	On mode @ save mode	90 mA(min.)	60 mA(min.)	40 mA(min.)	90 mA(min.)	60 mA(min.)	40 mA(min.)
	On mode @ no load mode	< 0.65A	< 0.32A	< 0.16A	< 0.9A	< 0.5A	< 0.25A
Protection	Shut down voltage low battery	10V $\pm 0.25V$	20V $\pm 0.5V$	40V $\pm 1V$	10V $\pm 0.25V$	20V $\pm 0.5V$	40V $\pm 1V$
	Voltage low battery	10.5V $\pm 0.25V$	21V $\pm 0.5V$	42V $\pm 1V$	10.5V $\pm 0.25V$	21V $\pm 0.5V$	42V $\pm 1V$
	Restart voltage low battery	12V $\pm 0.25V$	24V $\pm 0.5V$	48V $\pm 1V$	12V $\pm 0.25V$	24V $\pm 0.5V$	48V $\pm 1V$
	Voltage high battery	15V $\pm 0.25V$	30V $\pm 0.5V$	60V $\pm 1V$	15V $\pm 0.25V$	30V $\pm 0.5V$	60V $\pm 1V$
	Shut down voltage high battery	15.5V $\pm 0.25V$	31V $\pm 0.5V$	62V $\pm 1V$	15.5V $\pm 0.25V$	31V $\pm 0.5V$	62V $\pm 1V$
	Restart voltage high battery	14.5V $\pm 0.25V$	29V $\pm 0.5V$	58V $\pm 1V$	14.5V $\pm 0.25V$	29V $\pm 0.5V$	58V $\pm 1V$
	Protections	Overload , short circuit , DC over / under voltage , over Temperature					
	Reversed polarity protection	No , may lead to permanent damage					
Environment	Operating Temp.	-20°C ~ +40°C					
	Storage Temp.	-30°C ~ +70°C					
	Working Humidity	Max. 90% , non-condensing					
Safety & EMC	Safety Standards	EN55022:2006+A1:2007 Class B EN61000-3-2:2006 Class A, EN61000-3-3:2008 IEC61000-4-2,3,4,5,6,8,11;EN55024				EN60950-1:2005 Second Edition	
		—					
Others	Dimension (L*W*H)(mm)	187.5x150x68 mm (7.382x5.906x2.677 inch)					
	Packing	—					
	Cooling	Loading(53 $\pm 5\%$) or temperature(55 $\pm 5^{\circ}\text{C}$) controlled cooling fan					
	Weight	1.33KG				1.21 KG	
	Power Saving	With the dip switch in position 4 is on, power saving mode is active after 25 seconds when the load is below 20W.					

LED Status

Status	LED Signal
Power on	
Normal	
Saving mode	
O/P over load (100%~115%)	
O/P short circuit	
Over temperature	
Shut down high battery	
High battery	
Low battery	
Shut down low battery	

Mechanical Specification

unit : mm / [inch]



Output socket (option)

