

Features:

- Low Frequency transformer design is capable of driving high reactive and capacitive loads
- Power ON / OFF remote control
- Input & output fully isolation
- Thermal control fan
- Input Protection: Reverse Polarity (Fuse) / Under Voltage / Over Voltage
- Output Protection: Short Circuit / Overload / Over Temperature
- E-13 / UL / FCC approved



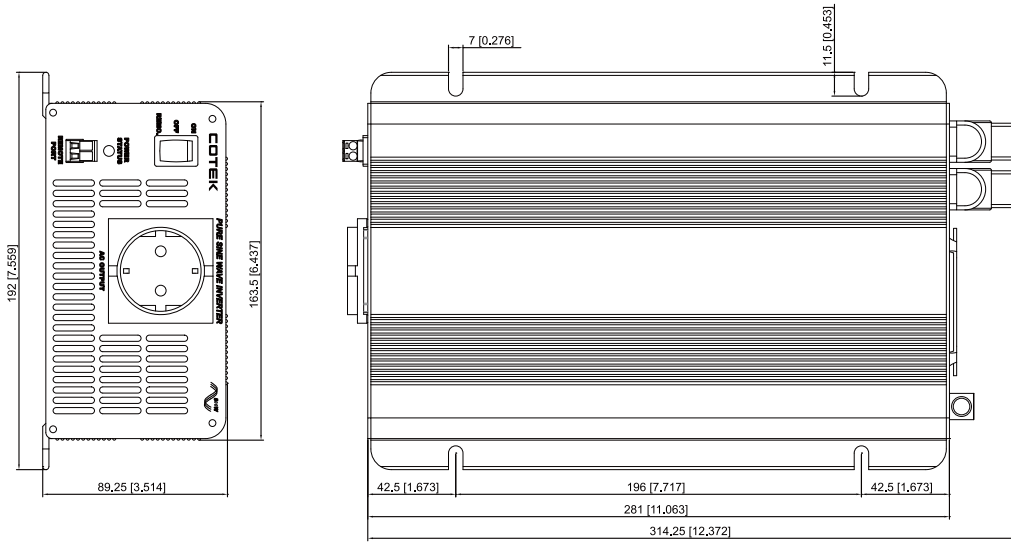
MODEL		S500-112	S500-124	S500-212	S500-224
Output	AC Voltage	100 / 110 / 115 / 120VAC		200 / 220 / 230 / 240VAC	
	Rated Power	500W			
	Surge Power	500~625W (1min) , 625~750W (10s)			
	Waveform	Pure Sine Wave (THD < 3%)			
	Frequency	50 / 60 Hz ±0.5%			
	AC Regulation	±5%		±3%	
	Power Factor Allowed	COSθ-90° ~ COSθ+90°			
	Standard Receptacles	NEMA5-15R / GFCI		Schuko / UK / Australia / Universal	
LED Indicator		Input voltage level, output load level and faulty status			
Input	No Load Current Draw	≤0.5A	≤0.4A	≤0.7A	≤0.4A
	DC Voltage	12±0.3VDC	24±0.3VDC	12.0±0.3VDC	24.0±0.3VDC
	Voltage Range	10.5 ~ 16.0±0.3VDC	21.0 ~ 32.0±0.3VDC	10.5 ~ 16.0±0.3VDC	21.0 ~ 32.0±0.3VDC
	Efficiency (Typ.)	89%	89%	89%	89%
	Fuse	35Ax3	25Ax2	35Ax3	25Ax2
	Remote Control	By external switch			
Protection	BAT. Low Shutdown	10.5±0.3VDC	21.0±0.3VDC	10.5±0.3VDC	21.0±0.3VDC
	Over Load	Shut down output voltage, restart to recover			
	Over Voltage	16.0±0.3VDC	32.0±0.3VDC	16.0±0.3VDC	32.0±0.3VDC
	Over Temperature	Shut down output voltage, recover automatically after temperature goes down			
	Output Short	Shut down output voltage, restart to recover			
	DC Input Reverse Polarity	By fuse			
Environment	Working Temp.	-20°C ~ +40°C			
	Working Humidity	20 ~ 90% RH non-condensing			
	Storage Temp. & Humidity	-30 ~ +70°C, 10 ~ 95% RH			
Safety & EMC	Safety Standards	Certified UL 458 (only for "GFCI" receptacles)		Certified EN 60950-1	
	Isolation Resistance	I/P - O/P: 100M Ohms / 500VDC			
	EMI Conduction & Radiation	Certified FCC class B		Certified EN 55022; EN 61000-3-2, -3-3, -6-3 ; EN 61204-3	
	EMS Immunity	----		Certified EN 61204-3; EN 55024; EN 61000-6-1; ENV 50204; IEC 61000-4-2, 3, 4, 5, 6, 8, 11	
	E-Mark	----		Certified CISPR 25; ISO 11452-2; ISO 7637-2	
Others	Dimension (W x H x D)	192.0x89.3x314.3 mm / 7.559x3.516x12.374 inch			
	Packing	6kg; 6pcs / 37kg / 3.25CUFT			
	Cooling	Thermal control fan			
	Application	Home and office appliances, portable power equipment, vehicle, yacht and off-grid solar power systems ...etc.			

LED Status:

Status	LED Signal
Normal	
UVP	
OVP	
OLP	
OCP	
Shut	
OTP	

Mechanical Drawings:

Unit:mm[inch]



Output Socket (Option) :

North America (GFCI)	NEMA 5-15R	Continental Europe	Australia / New Zealand
United Kingdom	Universal		