2500W Modified Sine Wave DC-AC Power Inverter A-301/302-2K5 series



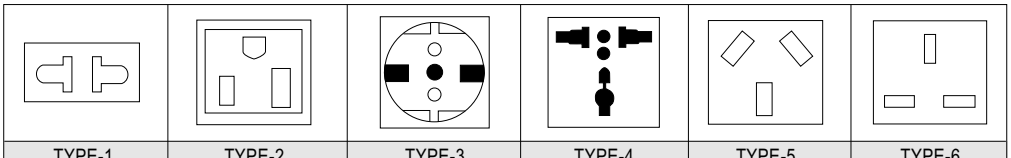
Features :

- 12V or 24V DC input
- Power ON-OFF switch
- Input voltage range: -15% ~ +25%
- Output voltage regulation:±10%
- Protections: Bat. Low alarm/Bat. Low shutdown/Over voltage/ Over temp./Output short/Input polarity reverse/Over load.
- Output waveform: Modified sine wave
- Cooling fan ON-OFF control
- ON/OFF remote control(Optional)
- Approvals: e13/ CE
- 1 year warranty

SPECIFICATION

ORDER NO.		A301-2K5-B4	A301-2K5-F3	A302-2K5-B4	A302-2K5-F3
OUTPUT	SAFETY MODEL NO.	A-300-2K5W			
	AC VOLTAGE	110V	230V	110V	230V
	RATED POWER	2500W			
	SURGE POWER	5000W			
	WAVEFORM	Modified Sine Wave			
	FREQUENCY	60Hz±1%	50Hz±1%	60Hz±1%	50Hz±1%
	AC REGULATION	±10%		±10%	
	STANDARD RECEPTACLES	TYPE-2* 2ea	TYPE-3* 2ea	TYPE-2* 2ea	TYPE-3* 2ea
	LED INDICATOR	Green LED for power on; Yellow LED for O.T.P.; Red LED for O.L.P.; Battery V/A meter			
INPUT	DC CURRENT	250A		130A	
	NO LOAD CURRENT DRAW	0.9A		0.6A	
	DC VOLTAGE	12V		24V	
	VOLTAGE RANGE	10 ~ 15VDC		21 ~ 30VDC	
	EFFICIENCY (Typ.)	82%		85%	
	DC CONNECTOR	None		None	
	FUSE	30A*12		15A*12	
PROTECTION	BAT. LOW ALARM	10±0.5V		21±0.8V	
	BAT. LOW SHUTDOWN	9.5±0.5V		20±0.8V	
	OVER LOAD	>2700W shut down o/p voltage, re-power to recover			
	OVER VOLTAGE	15 ~ 17V		30 ~ 32V	
	OVER TEMPERATURE	60±5℃/ 140±9°F			
	OUTPUT SHORT	Shut-off			
	BAT. POLARITY	By fuse open			
ENVIRONMENT	WORKING TEMP.	0 ~ +25℃@100% load			
	WORKING HUMIDITY	20% ~ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-30 ~ +70℃ / -22 ~ +158°F, 10 ~ 95% RH			
	TEMP. COEFFICIENT	±0.05% / ℃ (0 ~ 50℃)			
SAFETY & EMC	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC / 25℃/ 70% RH			
	EMI CONDUCTION & RADIATION	Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE			
	EMS IMMUNITY	Compliance to EN61000-4-2,3			
	LVD	Compliance to EN60950			
OTHERS	MTBF	37Khrs min. MIL-HDBK-217F (25℃)			
	DIMENSION	430*210*159mm (L*W*H)			
	PACKING	8.7kg ; 2pcs / 19kg / CARTON			
	COOLING	>40℃ (NTC) fan on			
	APPLICATIONS	Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc.			

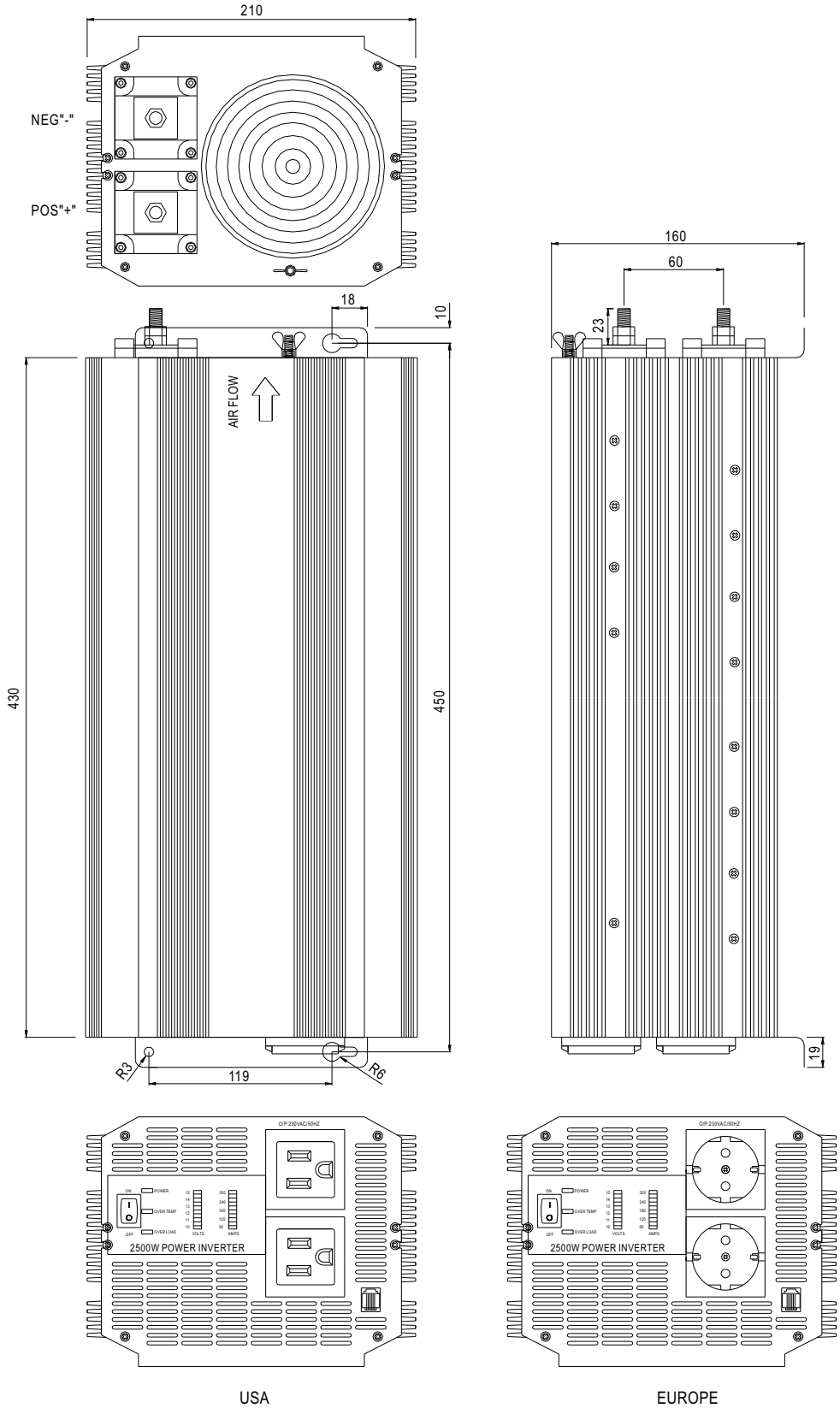
AC Output Receptacles (optional)



TYPE-1	TYPE-2	TYPE-3	TYPE-4	TYPE-5	TYPE-6
JAPAN	USA	EUROPE	UNIVERSAL	AUSTRALIA	U.K

■ Mechanical Specification

Unit:mm



USA EUROPE