



Modified Sine Wave Inverter A301-300 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
- Topology: Microprocessor
- Approvals: e13/ CE
- 1 year warranty

ORDER NO		A301-300-12	A301-300 -24
OUTPUT	SAFETY MODEL NO	A-300-300W	
	AC VOLTAGE	230V	230V
	RATED POWER	300W	
	SURGE POWER	600W	
	WAVEFORM	Modified Sine Wave	
	FREQUENCY	50Hz + 1%	50Hz +1%
	AC REGULATION	10%	
	STANDARD RECEPTACLES	TYPE-3* 1ea	TYPE-3* 1ea
	LED INDICATOR	Green LED for power on; Red LED for power failure status	
	INPUT	DC CURRENT	35A
NO LOAD CURRENT DRAW		0.36A	0.2A
DC VOLTAGE		12V	24V
VOLTAGE RANGE		10 ~ 15V DC	20 ~ 30V DC
EFFICIENCY (Typ.)		82%	85%
DC CONNECTOR		700mm Cigarette plug*1ea	700mm Cigarette plug*1ea
FUSE		Battery cord 35A * 1, Cigarette plug 15A*1	Battery cord 35A * 1, Cigarette plug 15A*1
PROTECTION	BAT. LOW ALARM	10+ 0.5V	20.5+ 1V
	BAT. LOW SHUTDOWN	9.5+ 0.5V	19.5+ 1V
	OVER LOAD	>1200W shut down o/p voltage, re-power to recover	
	OVER VOLTAGE	15 ~ 17V	30 ~ 32V
	OVER TEMPERATURE	45+5 °C / 113+9 °F	
	OUTPUT SHORT	Shut-off	
ENVIRONMENT	BAT. POLARITY	By fuse open	
	WORKING TEMP.	0 ~ + 40°C	
	WORKING HUMIDITY	20% ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	30+70 °C / -22~+158 °F, 10-95% RH	
SAFETY & EMC	TEMP. COEFFICIENT	+0.05% / .C (0~50 .C)	
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms/ 500VDC	
	EMI CONDUCTION & RADIATION	Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE	
OTHERS	EMS IMMUNITY	Compliance to EN61000-4-2,3	
	LVD	Compliance to EN60950	
	MTBF	200Khrs min. MIL-HDBK-217F (25.C)	
	DIMENSION	165*88*74mm (L*W*H)	
	PACKING	1.1kg ; 16pcs / 19kg / CARTON	
	COOLING	>100W or >40°C (NTC) fan on	
	APPLICATIONS	Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc.	

AC Output Receptacles (optional)

