



### 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	A301-4K0-12	A301-4K0-24
OUTPUT		
SAFETY MODEL NO	A300- 4K0 W	
AC VOLTAGE	230V	230V
RATED POWER	4000W	
SURGE POWER	8000W	
WAVEFORM	Modified Sine Wave	
FREQUENCY	50Hz + 1%	50Hz +1%
AC REGULATION	10%	
STANDARD RECEPTACLES	TYPE-3* 2ea	TYPE-3* 2ea
LED INDICATOR	h; Yellow LED for O.T.P.; Red LED for power failure status	
INPUT		
DC CURRENT	400A	200A
NO LOAD CURRENT DRAW	0.95A	0.85A
DC VOLTAGE	12V	24V
VOLTAGE RANGE	10 ~ 15V DC	20 ~ 30V DC
EFFICIENCY (Typ.)	82%	85%
DC CONNECTOR	Battery clip*1ea	Battery clip*1ea
FUSE	30A*18	15A*18
PROTECTION		
BAT. LOW ALARM	10+ 0.5V	21+ 0.8V
BAT. LOW SHUTDOWN	9.5+ 0.5V	20+ 0.8V
OVER LOAD	>4400W shut down o/p voltage, re-power to recover	
OVER VOLTAGE	15 ~ 17V	30 ~ 32V
OVER TEMPERATURE	60+5 .C / 140 +9. F	
OUTPUT SHORT	Shut-off	
BAT. POLARITY	By fuse open	
ENVIRONMENT		
WORKING TEMP.	0 ~ + 25.C @	
WORKING HUMIDITY	20% ~ 90% RH non-condensing	
STORAGE TEMP., HUMIDITY	30+70 .C / -22~+158 . F, 10~95% RH	
TEMP. COEFFICIENT	+0.05% / .C (0-50 .C)	
SAFETY & EMC		
ISOLATION RESISTANCE	I/P-O/P:100M Ohms/ 500VDC	
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	200Khrs min. MIL-HDBK-217F (25.C)	
DIMENSION	550*210*159mm (L*W*H)	
PACKING	11,2kg ; 1pcs	
COOLING	Fan start when the temperature 40.C	
APPLICATIONS	Home appliance, Power tools, Office and Portable equipment and Vehicle ...etc.	

AC Output Receptacles (optional)

