



■ Features :

- 12V or 24V or 48V DC input
- Power ON-OFF switch
- High surge power up to 600W
- Output voltage regulation: ±10%
- Output waveform: Modified sine wave
- Cooling fan ON-OFF control
- Protections: Bat. Low alarm/Bat. Low shutdown/Over voltage/Over temp./Output short/Input polarity reverse/Over load.
- CE LVD
- 1 year warranty

CE LVD

SPECIFICATION

Model No	KS300M-112	KS300M-124	KS300M-148	KS300M-212	KS300M-224	KS300M-248	
OUTPUT	RATED POWER	300W					
	PEAK POWER	310~350W<10 min					
	SURGE POWER	600W<2S.					
	AC VOLTAGE	100/110/120V			220/230/240V		
	AC REGULATION	± 10%			± 10%		
	WAVEFORM	Modified Sine Wave			Modified Sine Wave		
	FREQUENCY	60Hz±1%			50Hz±1%		
	STANDARD RECEPTACLES	Shuko/UK/Australia/Universal					
LED INDICATOR	Green LED for power on; Red LED for power failure statu						
INPUT	DC CURRENT	32A	16A	8A	32A	16A	8A
	DC VOLTAGE	12V	24V	48V	12V	24V	48V
	VOLTAGE RANGE	10.5-15VDC	21-30VDC	42-60VDC	10.5-15VDC	21-30VDC	40-60VDC
	NO LOAD CURRENT DRAW	0.2A	0.1A	0.05A	0.2A	0.1A	0.05A
	EFFICIENCY (Peak)	85%	87%	90%	85%	87%	90%
	DC CONNECTOR	Cigarette Blug or Battery Clip					
	FUSE	35A*1	20A*1	10A*1	35A*1	20A*1	10A*1
PROTECTION	BAT. LOW ALARM	10.5± 0.5V	2±1V	42±2V	10.5±0.5V	2±1V	42±2V
	BAT. LOW SHUTDOWN	10±0.5V	20±1V	40±2V	10±0.5V	20±1V	40±2V
	BAT.OVER VOLTAGE	15±0.5V	30±1V	60±2V	15±0.5V	30±1V	60±2V
	BAT. POLARITY	By fuse open					
	OVER LOAD	> 120% Rated Power					
	OVER TEMPERATURE	75°C					
	OUTPUT SHORT	Shut-off					
ENVIRONMENT	WORKING TEMP.	0~+50°C					
	WORKING HUMIDITY	20% ~ 90% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-30 ~ +70°C / -22 ~ +158 F, 10 ~ 95% RH					
SAFETY	CE	Compliance to EN61000-3-2,3					
	LVD	Compliance to EN60950-1					
	ROHS	Compliance to EN1122B:2001					
OTHERS	COOLING	Loading and temp controlled cooling fan					
	DIMENSION	120*100*55mm (L*W*H)					
	PACKING	0.95kg : 16pcs / 16.5kg / CARTON					
APPLICATIONS	Home appliance, Power tools, Office and Portable equipment and Vehicle						

■ AC Output Receptacles (optional)

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