



■ Features :

- True sine wave output (THD<5%)
- Power ON-OFF switch
- Power ON-OFF remote control
- Input voltage range: -15% ~ +25%
- Output voltage regulation:±5%
- Thermo control cooling fan
- Two-color indicators display power and fault status
- Protections: Bat. Low alarm/Bat. Low shutdown/Over voltage/ Over temp./Output shout/Input polarity reverse/Over load.
- Topology: Microprocessor
- Approvals: UL/ e13/ CE/ FCC
- 2 years warranty



SPECIFICATION

ORDER NO.	S300-112B2	S300-124B2	S300-212F3	S300-224F3	
OUTPUT	SAFETY MODEL NO.	S300-112	S300-124	S300-212	S300-224
	AC VOLTAGE	110V		230V	
	RATED POWER	300W			
	SURGE POWER	400W			
	WAVEFORM	True sine wave (THD<5%)			
	FREQUENCY	60Hz±0.3%		50Hz±0.3%	
	AC REGULATION	±5%		±5%	
	RECEPTACLES	TYPE-2* 2ea		TYPE-3* 1ea	
LED INDICATOR	Power and fault status				
INPUT	DC CURRENT	35A	20A	35A	20A
	NO LOAD CURRENT DRAW	0.24A	0.28A	0.26A	0.28A
	DC VOLTAGE	12V	24V	12V	24V
	VOLTAGE RANGE	10.5 ~ 15VDC	21.0 ~ 30VDC	10.5 ~ 15VDC	21.0 ~ 30VDC
	EFFICIENCY (Min.)	72%	78%	72%	80%
	DC CONNECTOR	Battery clip*1			
	FUSE	40A*1	25A*1	40A*1	25A*1
PROTECTION	BAT. LOW SHUTDOWN	10±0.5V	20±1V	10±0.5V	20±1V
	OVER LOAD	>350W, shut down o/p voltage, re-power on to recover			
	OVER VOLTAGE	15 ~ 16V	30 ~ 32V	15 ~ 16V	30 ~ 32V
	OVER TEMPERATURE	Yes, shut off o/p voltage, recover automatically after temperature goes down			
	OUTPUT SHORT	Shut-off o/p voltage, re-power on to recover			
	BAT. POLARITY	By fuse open			
ENVIRONMENT	WORKING TEMP.	0 ~ 40°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	SAFETY STANDARDS	UL458(Only for "GFCI" receptacles)		-----	
	ISOLATION RESISTANCE	I/P-O/P:100M Ohms / 500VDC			
	EMI CONDUCTION&RADIATION	Compliance to FCC class B		Compliance to EN55022 class B, 72/ 245/ CEE, 95/ 54/ CE	
	EMS IMMUNITY	-----		Compliance to EN61000-4-2,3, ENV50204	
	LVD	-----		Compliance to EN60950	
OTHERS	DIMENSION	237*155*72mm (L*W*H)			
	PACKING	3.5kg ; 4pcs / 17kg / CARTON			
	COOLING	>40°C (NT1) FAN ON			
	APPLICATIONS	Home appliance, Power tools, Office and Portable equipment, Vehicle and Yacht ...etc.			

■ AC Output Receptacles (optional)

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