



■ 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.	S150-112B2	S150-124B2	S150-212F3	S150-224F3	
OUTPUT	SAFETY MODEL NO.	S150-112	S150-124	S150-212	
	AC VOLTAGE	110V		230V	
	RATED POWER	150W			
	SURGE POWER	200W			
	WAVEFORM (TYPICAL)	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	20A	10A	20A	
	NO LOAD CURRENT DRAW	0.20A	0.16A	0.22A	
	DC VOLTAGE	12V	24V	12V	
	VOLTAGE RANGE	10.5 ~ 15VDC	21.0 ~ 30VDC	10.5 ~ 15VDC	
	EFFICIENCY (Min.)	72%	79%	72%	
	DC CONNECTOR	Cigarette plug*1			
	FUSE	25A* 1	15A*1	25A*1	
PROTECTION	BAT. LOW SHUTDOWN	10±0.5V	20±1V	10±0.5V	
	OVER LOAD	>200W, shut down o/p voltage, re-power on to recover			
	OVER VOLTAGE	15 ~ 16V	30 ~ 32V	15 ~ 16V	
	OVER TEMPERATURE	Yes, Shut down o/p voltage, recovers 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	200*132*72mm (L*W*H)			
	PACKING	2.7kg ; 6pcs / 19kg / 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