

# A POWER PACKED RANGE TO KEEP LIFE EMPOWERED



**SCOTT  
+POWER**

## SCOTT POWER LONG BACKUP INVERTER

Scott Power Long Backup Inverter is latest in the world of power backup systems. These Inverters are packed with user-friendly features and are symbols of convenience & comfort. These Inverters require very little maintenance and provides powerful performance with all-round protection.



### FEATURES

- Very high load cold start by the Inverter
- Surface Mounted Technology for reliable and compact design
- Zip-charge technology for faster charging and longer battery life
- Intelligent Thermal Management
- Free Pre-loaded Battery Management Software
- Battery Charging at as low as 120V Mains Voltage
- Miniature Circuit Breaker instead of fuse to protect load and equipments

### LOAD CHART

RATING	600VA			800VA			1400VA		
OPTIONS	Option 1	Option 2	Option 3	Option 1	Option 2	Option 3	Option 1	Option 2	Option 3
FAN	4	3	1	4	3	2	10	9	5
TUBE LIGHT	3	3	1	5	5	2	9	9	8
COMPUTER	x	x	1	x	x	1	x	x	1
T.V	x	1	x	x	1	x	x	1	x

### TECHNICAL SPECIFICATIONS\*

	RATING	600VA	800VA	1400VA
INPUT	<b>Regulated Mode</b>			
	Under Voltage	180 ± 5 V		
	Under Voltage Restoration	185 ± 5 V		
	Over Voltage	265 ± 5 V		
	Over Voltage Restoration	260 ± 5 V		
	<b>Unregulated Mode</b>			
Under Voltage	100 ± 10 V			
Under Voltage Restoration	110 ± 10 V			
Over Voltage	300 ± 10 V			
Over Voltage Restoration	290 ± 10 V			
OUTPUT	Maximum Power	600VA	800VA	1400VA
	Voltage (Inverter Mode)	230 V Nominal		
	Voltage (Mains Mode)	Same as Input		
	Frequency (Inverter Mode)	50 Hz. +/- 2%		
	Frequency (Mains Mode)	Same as Input (45-55 Hz.)		
Overload	> 110 %			
Transfer Time (typical a.s)	10 ms.			
BATTERY	Type	120 AH-150AH Lead Acid Type		
	Voltage	12V		
	Number	1	1	2
	Typical Recharge Time	10-12 Hrs.		
Protection	LOW BATTERY, REVERSE POLARITY			
LED DISPLAY	Switch On	White		
	Inverter On	Red		
	Low Battery Pre-Alarm	Inverter On & Low Battery Red		
	Battery Low	Red		
	Mains On	Red		
	Zip Charge	Red (Along with Mains On LED)		
	Overload	Red		
	Short Circuit	OVERLOAD BLINKING		
	No Load Shut Down	Red		
	Charging Fuse Blown	MAINS CONTINUOUS WITH ZIP CHARGE LED [BLINKING]		
ALARMS	Low Battery Pre-Alarm	Inverter Beeping after every 10 seconds		
	Low Battery Trip	Inverter Beeping Continuously for 10 Seconds		
	Mains to Inverter	Inverter Beeping every 2 Seconds for 5 Times		
	Overload	Inverter Beeping Continuously for 10 Seconds		
	Short Circuit	Inverter Beeping Continuously for 10 Seconds		
	No Load Shut Down	Inverter Beeping Continuously for 10 Seconds		
Charging Fuse Blown	Inverter Beeping Continuously for 10 Seconds			
ENVIRONMENTAL	Operating Temperature	0-40°C (32-104°F)		
	Storage Temperature	0-40°C (32-104°F)		
	Humidity	0-95% RH non-condensing		

SCOTT POWER CORPORATION  
 P.O. Box : 8209, A3-53, SAIF Zone,  
 Sharjah UAE  
 Tel. 00971 6 5570920,  
 Fax : 00971 6 5570921  
 Email : sales@scottups.com

CHANNEL PARTNER

\* Due to continuous product improvement technical specifications are subject to change without prior notice