

## RECHARGEABLE LANTERN



RLN, the TeamSustain rechargeable lantern is an omni directional light source, rechargeable by electricity. It is an ideal substitute for conventional emergency lamps. RLN is simple, looks like a traditional lantern, easy to handle and safer than even a child can operate. This lantern automatically lights up on power failure and recharges when power is restored. It is superior to any other emergency lights available by its aesthetics, utility, reliability and specifications. RLN can lighten your home or office daily for 4-5 hrs. Charging circuit is a high frequency AC to DC converter with very high efficiency. Optimised charging features increase battery life.

### FEATURES

- Automatic operation
- 4-5 hrs. of operation
- Omni directional light coverage
- Easily portable
- Elegant and robust design
- UV stabilised, non-yellowing light diffuser
- 4 pin CFL with high light efficacy
- Base-up mounting of CFL enables more light
- Electronic charger working at 90-270 VAC
- Longer battery life

### TECHNICAL SPECIFICATIONS

	RLN - 5W	RLN - 7W
General		
Application	Portable emergency Indoor light source	
Lamp type	Compact Florescent Lamp (CFL), 4 Pin, Single U	
Lamp wattage	5W	7W
Rated light output (Lumens)	250± 5%	400 ± 5%
Light coverage	360 Deg	
Battery	12V, 7Ah VRLA (SMF) Lead acid	

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<b>Electrical</b>		
Inverter type	Quasi sine wave, free running	
Inverter frequency	24-28 kHz	
Inverter efficiency	>82%	
Lamp power (Typ) @ high frequency	5W	6.5W
Charging method	Float charging	
Charging voltage range	120-270VAC	
Nominal Charging current	500mA +/-10%	
Indications	Charging and low battery	
Reverse battery protection	Provided with glass cartridge fuse	
<b>Mechanical</b>		
Lamp fixing	CF Lamp in base up configuration	
Case	Injection moulded engineering plastic Fire retardant grade	
Light diffuser	UV stabilized, Non yellowing acrylic	
Size (shipping) (mm)	200x200x320	
Weight (shipping)	3.85 Kg	3.85 Kg

Note: Specifications subject to change without notice. Check for latest update

### ORDERING INFORMATION

Model	Wattage	Battery	Usage/day
RLN-05122D	CFL 5W	12V 7 Ah	4-5 Hrs
RLN-07122D	CFL 7W	12V 7 Ah	3-4 Hrs