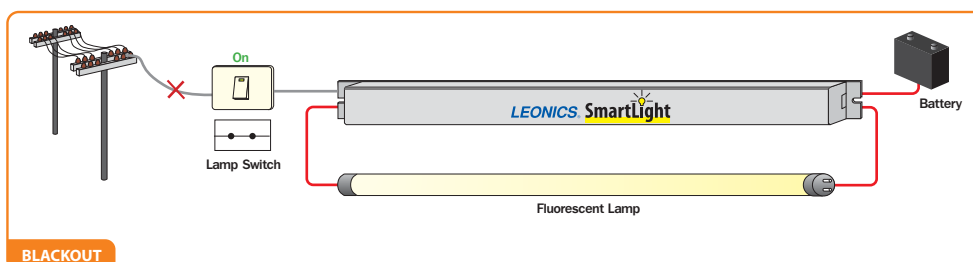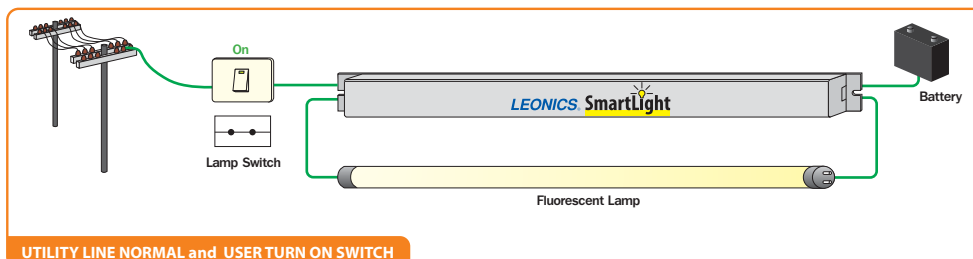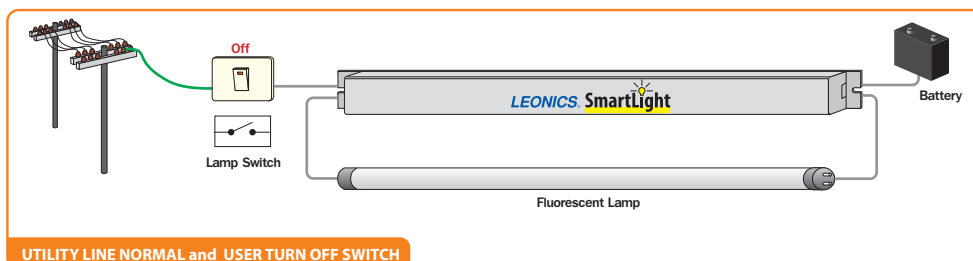# LEONICS ®

SmartLight

The smart UPS for your lighting

"Convert ordinary fluorescent lamp to emergency lamp!"

ETB-100

ETA-100

- Microprocessor control
- Convert ordinary fluorescent lamp in homes or offices to be an emergency lighting system during a blackout.
- Continuos light when user turn on the lamp switch for using in any status.
- Automatic detection for power fail or user turn off lamp switch
- Saves 15% electricity over conventional ballast systems.
- Compatible with 18W or 36W fluorescent and compact fluorescent lamps.
- Longer backup times 100 - 200 minutes.
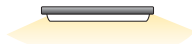- Battery replacement alarm
- Easy installation

Off

Lamp Switch

LEONICS SmartLight

Battery

Fluorescent Lamp

UTILITY LINE NORMAL and USER TURN OFF SWITCH

On

Lamp Switch

LEONICS SmartLight

Battery

Fluorescent Lamp

UTILITY LINE NORMAL and USER TURN ON SWITCH

On

Lamp Switch

LEONICS SmartLight

Battery

Fluorescent Lamp

BLACKOUT

ISO 9001 14001

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LEONICS®

The Smart UPS for Lighting

SmartLight

LEONICS CO.,LTD A5043 ISO 9001

ISO 14001
EMS 01007/045

SPECIFICATIONS

MODEL		ETA-100	ETB-100
RATED POWER		45 W	
INPUT	Nominal Voltage	220 Vac - 25%, +20% (for 50 Hz) or - 23%, +20% (for 60 Hz)	
	Frequency	50 / 60 Hz	
OUTPUT	Voltage backup mode	190-260 Vdc	
BATTERY	Type	External Sealed lead acid (maintenance free) rechargeable	
	Charging current	0.7 A (Three stage charging)	
	Capcity	12V 7Ah x 1	
	Backup time for a 18 Watt fluorescent lamp	200 min.	
	Backup time for a 36 Watt fluorescent lamp	100 min.	
	Recharge time	10 hrs.	
AUDIBLE ALARM	Low battery	– – – – –	
	Low DC output voltage	———— (continuous)	
	Battery replacement	———— (10 sec.)	
ACOUSTIC NOISE	At 1 metre	< 55 dBA	
ENVIRONMENT	Temperature	0°C to 45°C	
	Humidity	0 - 95% (non-condensing)	
WEIGHT	Smart Light	0.8 kg.	1.16 kg.
	Battery 12 V 7 Ah	2.6 kg.	
PHYSICAL DIMENSIONS (W x H x D)	Smart Light	40 x 33 x 460 mm.	40 x 33 x 610 mm.
	Battery 12 V 7 Ah	65 x 93 x 150 mm.	
DESIGN REGULATION		EN 60928 : 1995	

LOAD APPLICATIONS	FLUORESCENT LAMP			COMPACT FLUORESCENT LAMP
ETA-100 (No electronics ballast)	1 x 36 Watt	2 x 18 Watt	1 x 32 Watt	4 x 10 Watt
ETB-100 (Electronics ballast included)	1 x 36 Watt	2 x 18 Watt	1 x 32 Watt	-

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

Authorized Distributor: