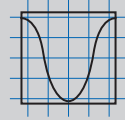
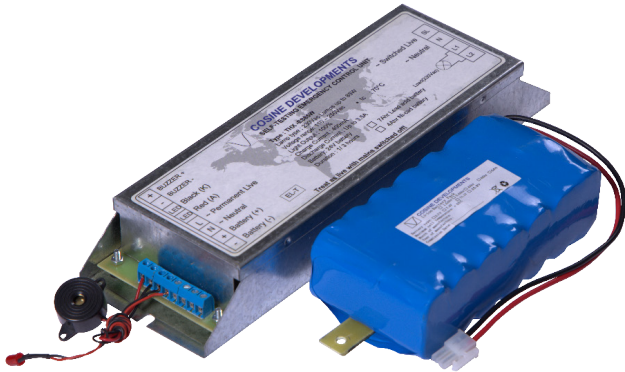


THX ES40/85W

SELF-TESTING UPS SYSTEM FOR 230VAC DEVICES OR LAMPS UP TO 40W & 85W



COSINE DEVELOPMENTS
LEADERS IN LIGHTING TECHNOLOGY

OVERVIEW:

- > Emergency power for 230Vac 40/85W devices/lamps
- > 1 to 3 hours emergency duration
- > 100% emergency light output
- > 5 year warranty

PRODUCT DESCRIPTION:

The THX ES-40W supplies 100% light output in emergency operation for most 230V LED or ES lamps up to 40W. The THX ES-85W supplies 100% light output in emergency operation for most 230V LED or ES lamps up to 85W.

PLEASE NOTE, the lamp must be specified prior to ordering this product to confirm it's compatibility with the load - active circuitry varies from each brand, which could interfere with this emergency product. The battery provides the power to the unit. A safety start circuit is provided that prevents emergency operation until mains is connected - this enables installation without disconnecting or depleting the batteries. A pilot light indicates that the batteries are being charged. The unit is housed in an alu-zinc case, which includes a label of the wiring connection diagram.

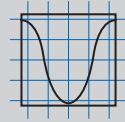
This unit can be supplied in a remote box as per customer requirement.

The emergency control gear will conduct a short system check every month and a deep system test every 6 months. These tests greatly improve battery life by discharging and recharging the cells on a regular basis thus preventing crystallization of the cells which causes battery life and capacity to diminish. During the tests the lamp and battery are measured and checked for faults. If a fault is detected then the unit will flash a code and the buzzer will make an audible sound.

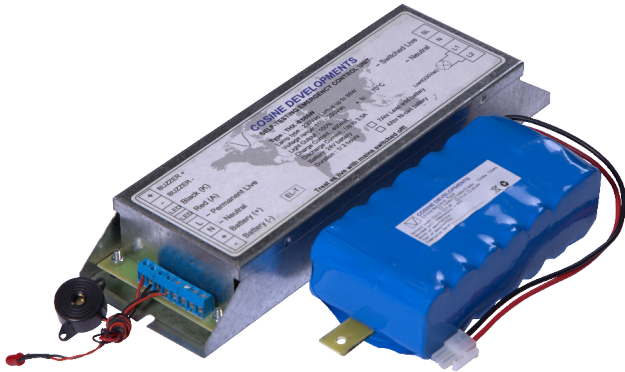
This unit can work off lithium-ion, lead acid or ni-cad batteries, therefore please specify which battery type you will be using prior to ordering so that it may be modified accordingly. The batteries that may be used with this unit are any 12V lead acid battery or 10 cell ni-cad battery for the THX_ES40W or 11.1V 6000mA Lithium-ion and for the THX_ES85W 25.9V 5000mA Lithium-ion battery or 24V lead acid battery.

THX ES40/85W (CONTINUED)

SELF-TESTING UPS SYSTEM FOR 230VAC DEVICES OR LAMPS UP TO 40W & 85W



COSINE DEVELOPMENTS
LEADERS IN LIGHTING TECHNOLOGY



OVERVIEW:

- > Emergency power for 230Vac 40/85W devices/lamps
- > 1 to 3 hours emergency duration
- > 100% emergency light output
- > 5 year warranty

PRODUCT DESCRIPTION:

SPECIFICATIONS	
Battery Discharge Current	Up to 3.5A
Charging Current	>300mA
Charging Indication	Provided
Battery Type	THX ES40: 11.1V Li-ion 12V Lead-Acid 10 x 4Ahr Ni-Cad THX ES40: 25.9V Li-ion 24V Lead-Acid 20 x 4Ahr Ni-Cad
Dimensions (L x W x H)	250 x 78 x 40mm
Emergency Light Output	100%
Emergency Lighting Duration	1 - 3 hours
Lamp Type	Any ES, LED lamps or loads up to 40W 85W
Mains Power Consumption	10VA
Mains Voltage	100 - 253Vac 50/60 Hz
Maximum Ambient Temperature	+70°C