Science Lab

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Product Name :

Torch Handheld Self-Powered

Product Code :

SLE/SAH/21



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Description :

Torch Handheld Self-Powered (Product Code: SLE/SAH/21) is a small to medium sized LED hand torch used to provide light in camps, shelters, schools and homes without reliable electricity, powered by the user's own winding or pumping. One minute of winding or pumping gives at least 10 minutes of continuous bright white light of at least 50 lumens, with a beam throw of at least 15 m. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, one of India's lab equipment exporters that also source emergency-relief items.

Specifications

Parameter	Detail
Type	Small to medium sized handheld torch
Light source	LED bulbs, minimum 50 lumens
Light colour	White
Beam distance (throw)	Minimum 15 m
Power	Self-powered, for example by a cranking or pumping mechanism
Light per charge	One minute of winding or pumping gives at least 10 minutes of continuous bright illumination
Body	ABS plastic (or equivalent)
Impact resistance	Able to pass a 1.5 m drop test onto a concrete surface
Water resistance	Water resistant
Product code	SLE/SAH/21
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Self-Powered Torch Used For?

Light at night is a basic safety need wherever people live without dependable power. Families and staff use this torch to reach latrines and water points safely after dark, to move around shelters and to carry out household tasks, and schools and health posts keep it for power cuts. Because it is charged by winding or pumping, it does not depend on buying replacement batteries.

For best results, wind or pump for a full minute before setting out, and repeat whenever the light starts to dim. The body is water resistant, so light rain is not a problem, but the torch should not be left submerged. Its impact-resistant ABS body is intended to survive being dropped, which suits children and busy field teams.

What to Specify When Ordering

- Quantity — for example one per household, shelter or latrine block.
- Any preference between a cranking and a pumping mechanism.
- Other household hygiene items to be packed and quoted with the torches

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