



**LIFEBOX**  
لايف بوكس

by



NoorNation is a renewable energy start-up developing and manufacturing fully-equipped decentralized energy and water solutions for less-served areas and rural communities across Egypt, MENA, and Sub-Saharan Africa

Our product, **LifeBox** aims to empower 1 million people in Africa with their life essentials of accessible clean energy and safe water from renewable energy for many applications such as water pumping, lighting or water desalination or ultrafiltration, LifeBox contains:

### Durable Mounting Structure

Industry-leading solar mounting structure; best in class hot dip galvanized (HDG) steel structure, withstands 5 times its load, multi-layer protective coating, highest wind load durability yet designed to offer ultimate flexibility that built to last.

### Solar Panels

Withstands high temperature like no other! Tier 1, Mono Crystalline mounted on plug & play, sub-assembled and HDG corrosion-resistant steel structure, easy-fast assembling or dismantling with zero damages.



### Fresh Water Out

Reservoir for fresh, hygienic, and ultra-filtered safe water for drinking, agriculture, livestock, domestic use, ensuring quality and well-being.

### Inlet Water

Reservoir for contaminated or high salinity water from bore wells, canals, lakes or sea water.

### Container

The containing unit safely houses the solar system components, extends their lifetime and improves performance. It's innovative pre-fabricated design makes it completely plug & play, portable and easily deliverable to the most hard-to-access locations.



### Ready-made for every need

LifeBox is available from **3 to 130 kWp**, either for clean electricity powering irrigation pumps up to 125hp or above or desalinated water up to 600 m3 per day & 45,000 ppm salinity.

IT'S CUSTOMIZABLE FOR YOUR NEEDS



**Remote Control & Monitoring** built in for fault prediction and maintenance alert, assurance of good performance where clients can monitor all energy parameters and control the LifeBox with control functions from anywhere in the world



**Green Warranty 10 Years** overall warranty for operation, efficiency, and performance plus each component product warranty



**Area Effectiveness** land is valuable for agriculture, LifeBox consumes 73% less footprint than that of the ground-mounted PV systems for the same capacity



**Plug & Play** ready-made; pre-installed and pre-assembled from our factory for a rapid installation & operation. Thanks to its innovative pre-fabricated design, easily deliverable to the hardest accessible locations



**Competitive Prices & Payment Facilities** higher value for money than regular PV systems within 3 to 5 years. Easy payment and quick installments available up to 5 years and least interest



**After buy & free maintenance services** because of the in-house development, engineering & production in our factory in Hurghada. NoorNation offers 1-year free maintenance and serves various locations including upper Egypt

#### INSTALLMENT OPTIONS

- Lowest Installment Available
- Least Paperwork
- Fastest Approval Time



Main Office: Office 115, TIEC Building, Smart Village, Giza, Egypt



28.8 km Alexandria - Cairo desert road, Abu Rawash Industrial Zone, Giza, Egypt



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