

Our Design

Compact design for rapid deployment, single-person setup, and instant operation.

Extreme Environments

Our equipment is designed for extreme, hot-temperature environments.

Reduced Energy Consumption

The environmental benefits of solar power meet the global mandates for energy reduction. High-efficiency LED lights also require less power than fluorescent light power consumption.

Reduced Greenhouse Gas Emissions & Pollution

Eco-friendly Portable Solar Light Tower System replaces generator-powered lights. No emissions or pollutants are released into the environment.

Dependable 24/7 Operation

Equipped with NEVERDIE® BMS Technology by Lithionics Battery

Reduced Usage of Fossil Fuels

Cost for lighting is eliminated for significant annual cost savings and reduces dependency on procured oil.

Lower Maintenance Cost

Eliminate regular engine/generator maintenance. Unit also allows automatic unattended operation.

Silent / Stealth Operation

Eco-friendly solar power panels replace noisy generator system for improved on-site communication capabilities.

Long-Life LED Lights

LED lights offer longer operational time than Fluorescent lights. LED lights also operate in colder temperatures than Fluorescent lights.

Adjustable Illumination Heights

Adjustable 30-foot mast allows light to adjust from 8 feet to 30 feet. 360-degree mast rotation and pan/tilt light fixture feature lets you put the light where it's needed.



Technical Data (BFT-7000-G1)	
Lighting Type	LED
Total Wattage	600 Watts (4000 MH Equivalent)
Lumens	90,000
Storage Capacity (KWh)	5.405
Usable Capacity (H)	8 Hours 33 Minutes
Full Recharge from Solar (H)	4 Hours 44 Minutes
Full Recharge from Grid 20 Ah(H)	2 Hours 15 Minutes
Beam Angle	60 degrees
Solar Panel Qty/Wattage Output	3 Panels/1200 KW
Solar Panel Type	Monocrystalline
Battery Type	Lithion-ion NEVERDIE® BMS
Certification	UL Listed
Battery Qty	1
Battery Voltage	51V
Battery Ah	105 Ah
Axle	Single Axle
Mast Setup	Electric
Mast Height	20 ft (30 ft upon customer request)
Total System Weight	2,122 lbs.
Width	59 Inches
Length	148 Inches
Height	107 Inches