# GD12-H

MOBILE LIGHT TOWER

## POWERFUL
## RELIABLE
## BUILT TO PERFORM

Emergency Lighting

Liftable Mast

360° Rotation

Ultra-long battery life

Expandable solar

Ultra-high Brightness

Powerful,easy to use,
long working time

Safe and economical,
ultra-high brightnesss,
stable performance

## SPECIFICATIONS

| MODEL | GD12-H |
|---|---|
| **LIGHT SOURCE** | |
| Light source type | LED |
| Overall Protection Grade | IP67 |
| Light source power | 6*200W |
| Luminous flux/illumination range | 180000lm/8000㎡ |
| Lrradiation direction | Adjustment 0-90° Horizontal 355° |
| LED service life | ≥50000h |
| **Solar Cell** | |
| Solar Type | Monocrystalline Silicon Photovoltaic |
| Solar Module | 5*595W |
| Solar Power | 2975W |
| Max Efficiency | ≥ 23% |
| **Battery** | |
| Battery Type | LiFePO4 |
| Battery Model | 2*51.2V/314Ah |
| Battery Capacity | 32,000 Wh |
| Battery Efficiency | ≥ 85% |
| **Controller** | |
| Controller Type | MPPT |
| Controller/Inverter | 3.6KW/MPPT/80A |
| **Generator** | |
| Generator | 5kW Changchai engine |
| Fuel tank/Runtime | 16L fuel tank, 12+ hours runtime |
| **Lifting Mast** | |
| Max Lifting Height | 12m ,8 sections |
| Mast Type | Electric Telescopic |
| Wind Resistance Grade | Grade 8 |
| **Trailer** | |
| Trailer/Brake | single-axle, 2*R14 tires, hand-brake |
| Stabilizer Legs | 4 pcs / Manual Control |
| Trailer Coupler | 50-millimetre standard tow ball |
| **General** | |
| Operating Temperature | -35°C ~ 60°C |
| Charging Time/Runtime | 5-10 hours / Runtime 15-24hours |
| Operating dimensions | 3,750×7,300×12,000 mm |
| Packaging Qty (40HQ) | 4 sets |