

LIGHTING TOWERS



Investing in a brighter future



LiON LIGHT

HYBRID LIGHTING TOWER WITH LED TECHNOLOGY + LITHIUM BATTERY

MAIN FEATURES

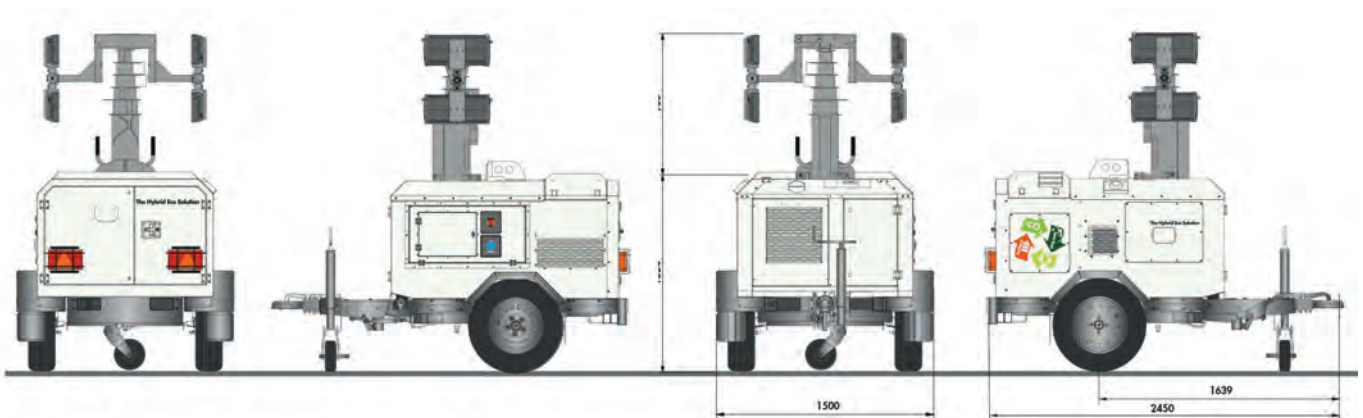
- ECO EFFICIENCY
- APPROX. 10 HOURS CONTINUOUS LIGHT EVERY 2 HOURS CHARGE
- 460 W TOTAL
- UP TO 9M MAST HEIGHT
- LONG LIFE LED LAMPS
- ZERO NOISE
- REMOTE MONITORING (OPTION)
- LOWER CO2
- LOWER FUEL CONSUMPTION
- MINIMAL ACOUSTIC POLLUTION
- SUITABLE FOR INDOOR USE (IN BATTERY MODE)
- 1800 HOURS ENGINE MAINTENANCE INTERVALS
- 300 HOURS OF LIGHTING ON ONE FUEL TANK
- INSTANT LIGHT
- LOW VOLTAGE FOR IMPROVED SAFETY

| ENGINE | KOHLER KDW702 |
|-----------------|---------------|
| rpm | 1500 |
| kWm PRP | 5.0 |
| kWm LTP | 5.5 |
| Regulator | Mechanical |
| Cylinders | 2 |
| cm ³ | 686 |
| Aspiration | Natural |

| LIGHTING TOWER | FQ 9604 KL |
|---------------------------|--------------------------|
| Voltage (V) | 48 V DC |
| Lamps | 4 x 115 W LED projectors |
| Fuel tank (l) | 100 |
| Fuel consumption | 0,3 |
| Control panel | AMF with DSE controller |
| Weight (kg) | 1300 |
| Dimensions LxWxH (cm) | 245x150x230 cm |
| Max dimensions LxWxH (cm) | 245x280x920 cm |

| LITHIUM BATTERY PACK | V-LFP 48V 100 Ah |
|----------------------------|---------------------|
| Nominal voltage | 48V |
| Nominal capacity | 100 Ah |
| Weight | 62 kg |
| Nominal energy | 5000 Wh |
| Volumetric energy density | 141 Wh/l |
| Gravimetric energy density | 81 Wh/kg |
| Round trip efficiency (%) | >98% |
| Life cycle (25 °C) | 80% DOD 4000 cycles |

| ALTERNATOR | |
|-------------|--------------------|
| Voltage (V) | 230V 1ph |
| Regulation | Automatic with AVR |



EQUIPMENT

- 4 X 115 W LED PROJECTORS (TOTAL POWER 460W) MANUAL HEAD TILT
- ELECTRIC TILT (AVAILABLE AS OPTION)
- HYDRAULIC MAST OF GALVANISED STEEL
- DEPLOYMENT TIME: 15 SECONDS
- MAST EXTENDIBLE UP TO 9 M
- 350° MAST ROTATION WITH BRAKE
- AUTOMATIC LOWERING WHEN PARKING BREAK IS DEACTIVATED
- GALVANIZED STEEL SOUNDPROOFING CANOPY
- LIQUIDS BUNDING
- OIL EXTRACTION PUMP
- TROPICALIZED RADIATOR WITH ELECTRIC FAN
- 4 ADJUSTABLE DEPLOYING STABILIZERS
- ROAD TRAILER
- FIX DRAWBAR (ADJUSTABLE DRAWBAR AVAILABLE AS OPTION)
- STANDARD 13' TYRES (17" TYRES AVAILABLE FOR OFF-ROAD APPLICATIONS)
- BATTERY ISOLATOR SWITCH
- 1 X 16A SOCKET 230V
- 1 X MAINS PLUG 16A
- KIT UNITS CONTROL (AVAILABLE AS OPTION)
- NOISE LEVEL: 63 DB(A) @ 7M (WHEN ENGINE RUNNING)



LED
TECHNOLOGY

LITHIUM
BATTERY

INSTANT LIGHT
NO STRIKE UP
DELAY

ECO
FRIENDLY



Prepared for anything!

Powerhire

A DIVISION OF TGC INTERNATIONAL LTD



Unit B1 Colliery Business Park, Pike Road, Eythorne, Kent CT15 4FE
t: +44 (0)1304 833900 | www.powerhire.uk.com