

LION LIGHT - ST

HYBRID LIGHTING TOWER WITH LED TECHNOLOGY AND A 9 HOUR LITHIUM BATTERY AUTONOMY



ULTRA SAFE 48 Volt DC



ULTRA LOW VOLTAGE (48 V DC) FOR INCREASED OPERATOR SAFETY

ECO FRIENDLY LITHIUM BATTERY

RUNNING TIME WITH BATTERY ONLY h 9,30'

CHARGING TIME WITH FLOODLIGHTS ON h 2,30'

460 W TOTAL

UP TO 9m MAST HEIGHT

CREE LEDs LONG LIFE LEDs

ZERO NOISE*

REMOTE MONITORING (OPTION)

PERMANENT MAGNET TECHNOLOGY

UP TO 20 LIGHTING TOWERS ON AN EU TRUCK

- Lower CO₂
- Lower fuel consumption
- No acoustic pollution*
- Suitable for indoor use*
- 2300 hours engine maintenance intervals
- 750 hours fuel autonomy
- Instant light
- Low low voltage (48 V) for improved safety
- Vegetable Biodegradable hydraulic oil.
- Performance optimized with Variable Speed System

*in battery mode

www.bgguk.com

Tel 01255 830355

BGG UK Limited
Delta House • Tendring Heath • Nr. Clacton • Essex • CO16 0BU



A BRUNO GROUP COMPANY

LiON LIGHT - ST

LiON LIGHT - ST	Units	HB 9004 YM-VS
Voltage	V	48 V DC
LED Lamps total power	W	4 x 115
Fuel tank	l	150
Fuel consumption*	l/h	0,20
Weight	Kg	1000
Control panel	--	AUS 6110
Dimensions LxWxH	cm	130x110x243
Max dimensions LxWxH	cm	207x162x900

*Consumption figures are in liters per hours of light

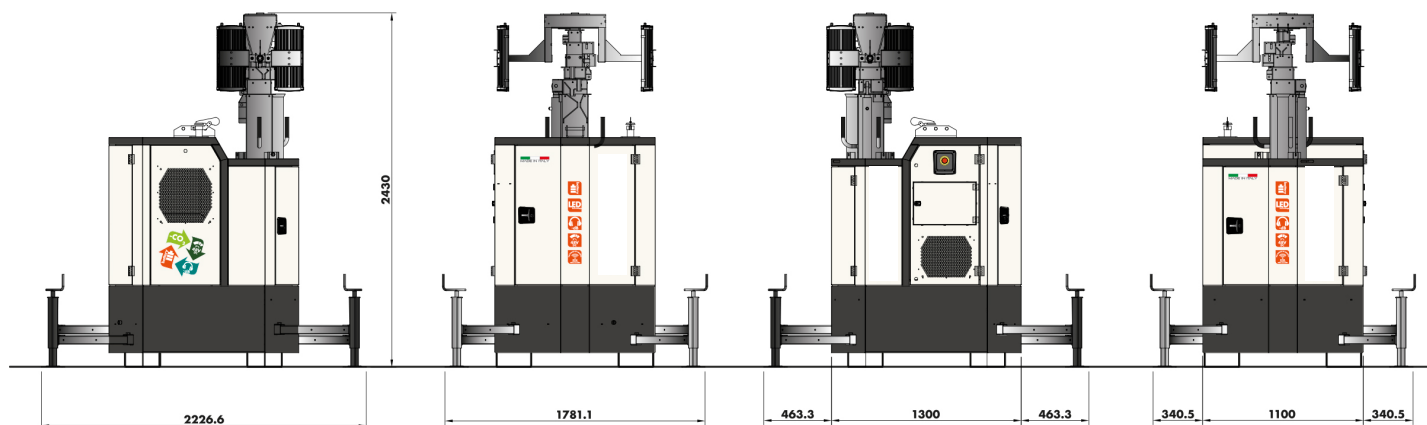
LITHIUM BATTERY 	Units	PJ0-048-111-RK1
Nominal voltage	V	48V
Nominal capacity	Ah	111
Weight	kg	58
Nominal energy	kWh	5,3
Round trip efficiency	%	> 98
Depth of discharge (DoD)	%	85
Life cycles		>5000 @ DOD 85%

ENGINE	Units	Kohler / Yanmar
SPEED 		Yanmar 1800 rpm
SPEED		Kohler 1500 rpm
Power Output	kWm	6.0
Governor		Mechanical
Regulator		NSM Controller
Cylinders	n	2

ALTERNATOR	Units	Permanent Magnet Technology PMG Type – NSM PMG-DC185 SC
Voltage	V	48 DC
Voltage regulation		Rpm variation with permanent magnet technology

EQUIPMENT

- 4 x 115 W LED projectors (total power 460W)
- Galvanised steel hydraulic mast
- Deployment time: 15 seconds
- Mast extendible up to 9 m
- 350° Mast rotation with brake
- Galvanised steel soundproofed canopy
- Fully bunded
- Oil extraction pump
- 4 adjustable stabiliser legs
- 2 Battery isolator switches (engine and batteries)
- Remote monitoring (available as an option)
- Dusk till dawn sensor



LOADING FLOOR

