

BRUNO Site Light-ST & LiON Light-ST

LITHIUM ION BATTERY

THE ECO SOLUTION

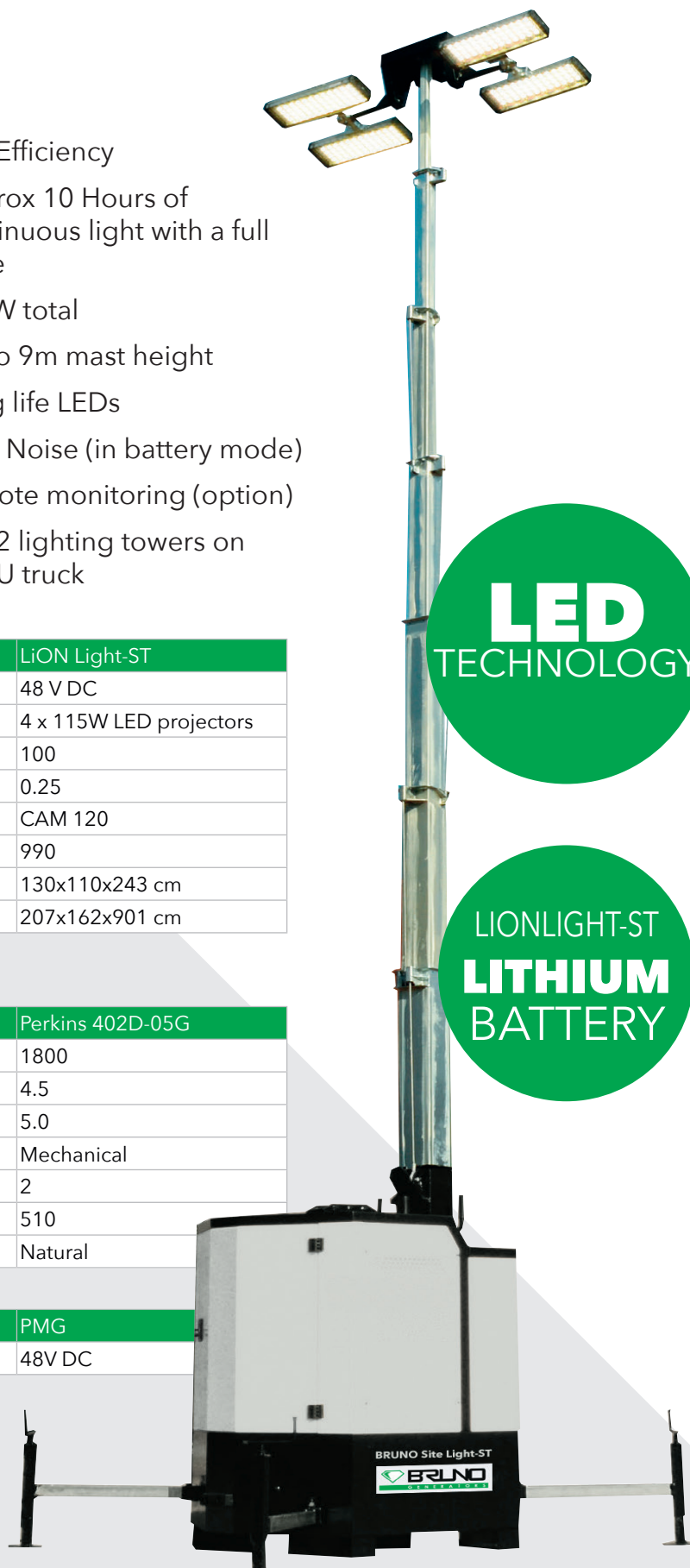
MAIN FEATURES

- Safe with 48V DC
- More than 250 Hours of continuous light
- 1000W total
- Up to 9m mast height
- Long life LEDs
- Low noise level
- Remote monitoring (option)
- Fit 22 lighting towers on an EU truck
- Eco Efficiency
- Approx 10 Hours of continuous light with a full cycle
- 460W total
- Up to 9m mast height
- Long life LEDs
- Zero Noise (in battery mode)
- Remote monitoring (option)
- Fit 22 lighting towers on an EU truck

LIGHTING TOWER	Site Light-ST	LiON Light-ST
Voltage (V)	48 V DC	48 V DC
Lamps	4 x 250W LED projectors	4 x 115W LED projectors
Fuel tank (l)	100	100
Fuel consumption	0.56	0.25
Control panel	CAM 120	CAM 120
Weight (kg)	930	990
Dimensions LxWxH (cm)	130x110x220 cm	130x110x243 cm
Max dimensions LxWxH (cm)	207x162x901 cm	207x162x901 cm

ENGINE	Perkins 402D-05G	Perkins 402D-05G
rpm	1800	1800
kWm PRP	4.5	4.5
kWm LTP	5.0	5.0
Regulator	Mechanical	Mechanical
Cylinders	2	2
cm3	510	510
Aspiration	Natural	Natural

ALTERNATOR	PMG	PMG
Voltage (V)	48V DC	48V DC



BRUNO LiON Light-RT

HYBRID LIGHTING TOWER WITH LED TECHNOLOGY + LITHIUM ION BATTERY

MAIN FEATURES

- Eco efficiency
- Approx. 10 hours continuous light every 2:30 hours charge
- Up to 9m mast height
- Long life LEDs
- Zero noise (battery mode)
- Remote monitoring (option)
- Lower CO2
- Lower fuel consumption
- No acoustic pollution
- Suitable for indoor use (in battery mode)
- 1800 hours engine maintenance intervals
- 330 hours fuel autonomy
- Instant light
- Low voltage for improved safety
- Vegetable Biodegradable hydraulic oil

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

ENGINE	KOHLER KDW702
rpm	1500
kWm PRP	5.0
kWm LTP	5.5
Regulator	Mechanical
Cylinders	2
cm3	686
Aspiration	Natural

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

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

