

PREMIER FOOD AND MACHINERY.CO.LTD 68/76-77 Moo5 Rama2Rd., Jomthong Dist, Bangkok 10150 Thailand Tel (66-2)476-6901, 477-1045, 476-9690, 877-0525-7



NATIONNAL RESERVE

(UNIVERSAL ANTI-GLARE BALLOON LIGHT)

PB1000BA

- Metal Halite Lamp 1000W x 1 lamps can be used with home electric system 220 Vol/50Hz and generator.
- Anti-glare, shadow less, high luminance (110,000 lm) and large scale illumination in range of 360°. Safe for driver's eyes and easy to recognize the construction site in the distance and guarantees safety construction
- Light pollution-free. It protects the environment and improves construction conditions.
- Advertisement can be made on the surface of balloon to improve enterprise's popularity.
- Applicable for the safety construction of highways, expressways and airport.
- Equipped with generator, more flexibility, more professional.
- Adopts bend type; up to 3.630m, 360° rotation.





- Balloon construction: adopted reliable performance & high pressure & cooling-fan & foldable & stronger wind resistance.
- Balloon envelop is made up of exclusive & rain proof & import fabric Nylon materials, better light transmission, rain proof, sun protection, anti-aging and toughness etc.
- Standard equipped with inflatable, high performance tires. More accord with complex traffic environment to use, such as disaster areas.
- Maximum inclination working is not more than 10°.
- Anti-wind for 6m/s.
- It is applicable for night time paving.
- The attachable-type light tower saves labor and energy with night getting closer, truckers, paver drivers and construction workers are capable of accurately confirming their location and working environment. That guarantees safe construction and efficient work.
- -It can be simply installed and dismantled.



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Feature of balloon light

1. SAFE



Glare-free lighting

Balloon Light gives enough light to a work area but eyes are never blinded by glare even if seeing the light directly. It is friendly to surrounding traffic.

2. EFFICIENT



Wide area & 360 degree illumination

Balloon Light can radiate the homogeneous light far and wide from the balloon to all directions.

3. COMFORT



Large light source

Balloon Light that forms less darker shadow is also comfortable for the workers.

PB410-400B

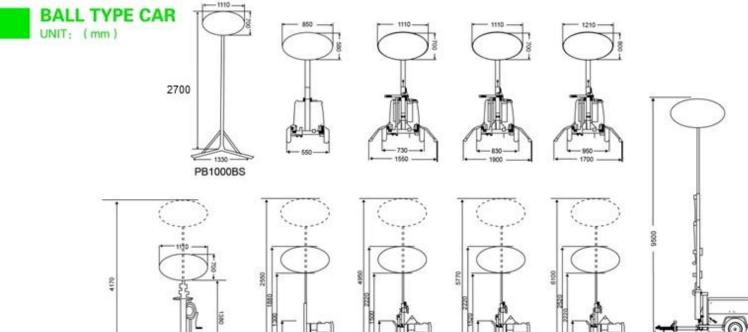
4. VERSATILE



Message strip

Since Balloon Light has integral Velcro fastener, "message strip" can be quickly attached with no tools.

PB3000BT



PB1000WS

1450

PB1000B-LED

1620

PB2000B

1530

2450

PB3000B





BALLOON LIGHT SPECIFICATIONS

| Iter | Model | PB410-400BLED | PB10 | 00BA | PB1000 | BS-LED | PB1000B | WS-LED | PB1000B-LED | PB2 | 000B | PB3000B | PB30 | OOBT |
|-------------|----------------------|---------------------|-------------------|--------------------|-------------------|--------------------|---------------------|--------------------|-------------------------|-----------------------|--------------------|--------------------------|----------------------------|---------------------|
| | Труе | YAMAHA EF1000 | HONDA EC2500CX | YAMAHA EF2600FW | HONDA EG4000CX | YAMAHA EF4000FW | HONDA EC2500CX | YAMAHA EF2600PW | YAMAHA EF2800FW | HONDA EG4000CX | YAMAHA EF4000FW | HONDA EG5000CX | P83000BT KD 66500E | YAMAHA EF5200EFM |
| | Rated voltage | 220V | 22 | 20V | 230V | 220V | 22 | :0V | 220V | 230V | 220V | 230V | 220V | 220V |
| | Rated frequency | 50HZ | 50 | HZ | 50HZ | 50HZ | 50 | HZ | 50HZ | 50HZ | 50HZ | 50HZ | 50HZ | 50HZ |
| | Rated ouyput | 0.7KVA | 2.0KVA | 2.0KVA | 3.2KVA | 2.9KVA | 2.0KVA | 2.0KVA | 2.0KVA | 3.2KVA | 2,9KVA | 4.0KVA | 5.5KVA | 3.8KVA |
| rator | Maximum output | 0.9KVA | 2.2KVA | 2,3KVA | 3.6KVA | 3,3KVA | 2,2KVA | 2.3KVA | 2,3KVA | 3.6KVA | 3,3KVA | 4.5KVA | 5,9KVA | 4.5KVA |
| Generator | Fuel | 93#Gasoline | 93#G | asoline | 93#G | asoline | 93#G | asoline | 93#Gasoline | 93#Ga | asoline | 93#Gasoline | Diese | Gasoline |
| | Fuel consumption | 0,5L/hr | 1.13L/hr | 1.2L/hr | 2.0L/hr | 2.0L/hr | 1.13L/hr | 1.2L/hr | 1.2L/hr | 2.0L/hr | 2.0L/hr | 2,5L/hr | 2.7L/hr | 2.6L/hr |
| | Working hours | 7.7hr | 13hr | 10hr | 11.9hr | 11.9hr | 13hr | 10hr | 10hr | 11.9hr | 11.9hr | 9,5hr | 37hr | 9.7hr |
| | Fuel tank capacity | 3.8L | 15L | 12L | 25L | 24L | 15L | 12L | 12L | 25L | 24L | 24L | 100L | 25L |
| | Net weight | 23kg | 45kg | 42kg | 79kg | 71kg | 45kg | 42kg | 42kg | 79kg | 71kg | 82,5kg | 100kg | 86kg |
| | Watt×number | 180W×1Lamps | 1,000W | × 1Lamps | LED 1 | 000w | LED 10 | 00w | LED 1,000VV | 1,000W | × 2Lamps | 1,000W×3Lamps | 1,000W | × 3Lamps |
| | Total uminousness | 36,000lm | 110,0 | 000 i m | 220,0 | 000lm | 220,0 | 00lm | 220,000lm | 220,0 | 000 i m | 330,000 i m | 330,0 | 000 l m |
| Body | Number of expensiole | 2 | Bend | l type | 3 | iii | | 4 | 4 | ļ | 5 | 5 | | 3 |
| | Length of expansible | 2,750mm | 1,385–3 | 1,385–3,630mm | | 1,7256,100mm | | 1,170mm | 2,220-4,950mm | 2,220–5,770mm | | 3,000-6,100mm | Max 9.2m | |
| Light Tower | Retracted LWH | 1,100×550 ×800mm | | | | | 530×530 ×1,280mm | | 1080 × 780 × 1,660mm | 1,160×830 ×1,670mm | | 1,530 × 950 × 2,200mm | 4,570 × 1,550 × 1,500mm | |
| | Maximum indination | < 10° | < 1 | 0° | < 1 | 0° | < ' | 10° | < 10° | <1 | 0° | < 10° | < 1 | 0° |
| | Anti-wind | ≪6 | \$ | 6 | \$ | 56 | * | ≤6 | ≪6 | 4 | £6 | ≪6 | \$ | 8 |
| | Total weight | 45kg | 45kg 59kg | | 70kg | | 75kg | | 135kg | 208kg | | 308kg | 720kg | |

FLOODLIGHT SPECIFICATIONS

| 10 | Model | PB420F-LED | PB420-LED | PB440-LED | PB1200-LED | PB1300 | PB1400TMW | PB1400THW | PB1600THWHL | PB1600THW-LED | PB1800THWHL-LE |
|-------------|----------------------|---------------------|-------------------------|-------------------------|-------------------------|-----------------------|----------------------------|----------------------------|----------------------------|----------------------------|-------------------------|
| | Труе | YAMAHA EF2600FW | YAMAHA EF2600FW | YAMAHA EF2600FW | YAMAHA EF2600FW | HONDA EG5000CX | DAISHIN SGB700IHSa | KUBOTA D1105 | KUBOTA D1703 | KUBOTA D1105 | KUBOTA D1105 |
| | Rated voltage | 220V | 220V | 220V | 220V | 230V | 220V | 220V | 220V | 220V | 220V |
| | Rated frequency | 50HZ | 50HZ | 50HZ | 50HZ | 50HZ | 50HZ | 50HZ | 50HZ | 50HZ | 50HZ |
| | Rated ouyput | 2.0KVA | 2.0KVA | 2,0KVA | 2.0KVA | 4.0KVA | 5,5KVA | 8.4KVA | 12.8KVA | 8.4KVA | 8.4KVA |
| ator | Maximum output | 2.3KVA | 2.3KVA | 2.3KVA | 2.3KVA | 4.5KVA | 6.0KVA | 9.5KVA | 15KVA | 9.5KVA | 9.5KVA |
| Generator | Fuel | 93#Gasoline | 93#Gasoline | 93#Gasoline | 93#Gasoline | 93#Gasoline | 93#Gasoline | Diese | Diesel | Diese | Diesel |
| | Fuel consumption | 1.2L/hr | 1.2L/hr | 1.2L/hr | 1.2L/hr | 2.5L/hr | 2,8L/hr | 2.3L/hr | 2.8L/hr | 2.3L/hr | 2,3L/hr |
| | Working hours | 10hr | 10hr | 10hr | 10hr | 9,5hr | 9hr | 48hr | 37hr | 48hr | 48hr |
| | Fuel tank capacity | 12L | 12L | 12L | 12L | 24L | 25L | 105L | 105L | 105L | 105L |
| | Net weight | 42kg | 42kg | 42kg | 42kg | 82,5kg | 85kg | 142kg | 155kg | 142kg | 142kg |
| | Watt × number | LED180x2 | LED180x2 | LED180x4 | LED400x2 | 1,000W×3Lamps | 1,000W×4Lamps | 1,000W×4 Lamps | 1,000W×6Lamps | LED400W×6 | LED400W×8 |
| | Total)uminousness | 72,000lm | 72,000lm | 144,000lm | 220,000lm | 330,000lm | 440,000lm | 440,000 l m | 660,000 l m | 660,000lm | 880,000lm |
| Ap | Number of expansible | 2 | 4 | 4 | 4 | 5 | 3 | 3 | 3 | 3 | 2 |
| ver Body | Length of expansible | 1550-2850mm | 1,820-4,650mm | 1,820-4,650mm | 1,880-4,650mm | 2,6006,100mm | Max 9.0m | Max 9.0m | Max 9,2m | Max 9.4m | Max 9.5m |
| Light Tower | Retracted | 880×420 × 1550mm | 1080 × 780 × 1,880mm | 1090 × 790 × 1,660mm | 1080 × 780 × 1,660mm | 1,160×830 ×1,800mm | 4,570 × 1,550 × 1,500mm | 4,570 × 1,650 × 1,900mm | 4,570 × 1,750 × 2,100mm | 4,670 × 1,750 × 2,200mm | 5,300×2,000 ×2,400mm |
| | Maximum indjination | < 10° | < 10° | < 10° | < 10° | < 10° | < 10° | < 10° | < 10° | < 10° | < 10° |
| | Anti-wind | ≤6 | ≪6 | ≼6 | ≤6 | ≪6 | ≤8 | ≤8 | ≤8 | ≤8 | ≤8 |
| | Total weight | 79.5kg | 125kg | 135kg | 142kg | 239kg | 960kg | 1150kg | 1250kg | 1350kg | 1550kg |

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<u>Certificate</u>

LITEMAN is committed to developing practical lighting solutions and has received CE Certificate, ISO9001 Certificate, and ISO14001 Certificate.

| | th EU MD 99/37/EC As Amended By 98/37/EC; LVD 73/23/EEC As Amended By 93/68/ECC |
|--|--|
| | AC Anger Testing Certification |
| | Certificate No. AC/0703030 |
| Applicant : | POWERBABY CONSTRUCTION MACHINERY (TIANJIN) CO.,LTD. |
| Manufacturing Site : | NO.5, LIBEI RD, DONGLI ECONOMIC DEVELOPMENT AREA, TIANJIN, CHIAN |
| Product Description : | LIGHT TOWER |
| Type and Model : | PB440, PB2000B; PB1400T, PB1000B, PB420 |
| Technical Construction File Referenced No./Rev: | LT-070126 |
| Codes/standards Applied : | EN ISO12100-1:2003;EN12100-2:2003;EN1050:1997;EN60204-1:1997; |
| Date Of Issuance : | May 26,2007 |
| Remarks : | This Certificate Is Only Valid For The Equipment And Configuration Described, And In Conjunction With The Test Data Detailed Above. |
| Conclusion of Assessment : | |
| or Above-Mentioned Equipme | schnical Construction File And Manufacturing, Inspection And Testing Processes 11 Comply With The Essential Safaty Requirements OF EU Machinery Directive BTC() L (w Voltage Directive 73/23/EEC (As Amended By 93/68/EEC) Applied With The Safaty S |
| uger Certification & Testing S | Arts Days CE |
| uger Certification & Testing Service L1 UITE 8525.18-18 CIRCUS ROAD .ST fo@sugenuk.org | D. JOHNS WOODLONDON, NWS EPG |



