



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

### PB1600THW-LED



- LED Lamp 400W x 6 lamps can be used with home electric system 220 Vol/50Hz and generator.
- High luminance (660,000 lm)
- LED light energy-efficient.
- LED light: Longer life & least 50000 hours of light without replacement, reliable & high performance.
- Instantaneous lighting and instant restrike with no warm up or standby time required, more suitable for rescue and relief.
- LED light maintenance: No need replacing bulb and lamp, no maintenance cost.
- Maintenance free, can be used at any time.
- Energy saving and environment protection: LED light can save 50% fuel than traditional metal halide light.
- New unique high pressure aluminum lamps.
- Equipped with generator available for diesel and gasoline engine, more flexibility, more professional.
- 3 stages hydraulic mast up to 9.2m.
- Tractive design; loading and unloading configuration: hoisting ring & forklift holes.
- There are 5 Outriggers support legs, thickened box, can be decomposed Trailer traction rod & easy transportation.
- Standard equipped with inflatable, high performance off-road tires 225/70R16. More accord with complex traffic environment to use, such as disaster areas.
- Heavy-duty winch design and manual winch for raising and lowering mast.
- Emergency shutdown protection and Residual current device (RCD) protection.
- Separate lockable, weather protected, powder-coated steel door.
- Optional hand brake with ring or ball hitch.
- Retractable draw bar.
- Maximum inclination working is not more than 10°.
- Anti-wind for 8m/s.



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

**LITEMAN**  
Mobile Lighting

# PB 1600THW-LED



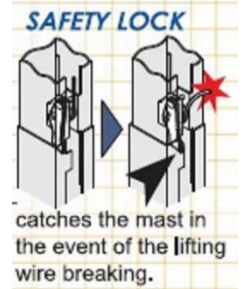
High power  
imported LED lamps



Firm LED light shell



Multi-lens, high luminary LED light



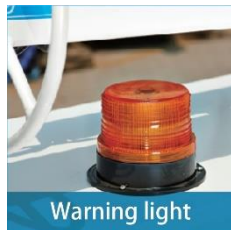
SAFETY LOCK  
catches the mast in  
the event of the lifting  
wire breaking.



Operation warning



Battery connection switch



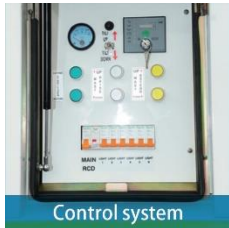
Warning light



Box screw  
fixed assembly



Standby socket  
connects 220VAC converter



Control system



Mast automatic  
locking device



Extra fuel tank



Top class engine



Off-road suspension



Fixed rubber  
torsion shaft



International standard  
external power supply



Retractable leg



LED taillights





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



## BALLOON LIGHT SPECIFICATIONS

Items		Model	PB410-400BLED		PB1000BA		PB1000BS-LED		PB1000BWS-LED		PB1000B-LED		PB2000B		PB3000B		PB3000BT	
Generator	Type	YAMAHA EF1000	HONDA EC2500CX YAMAHA EF2800FW		HONDA EG4000CX YAMAHA EF4000FW		HONDA EC2500CX YAMAHA EF2800FW		YAMAHA EF2800FW		HONDA EG4000CX YAMAHA EF4000FW		HONDA EG5000CX		PB3000BT KD E8500E	YAMAHA EF5200EFV		
	Rated voltage	220V	220V		230V 220V		220V		220V		230V 220V		230V		220V	220V		
	Rated frequency	50HZ	50HZ		50HZ 50HZ		50HZ		50HZ		50HZ 50HZ		50HZ		50HZ	50HZ		
	Rated ouput	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			
	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			
	Fuel	93#Gasoline	93#Gasoline		93#Gasoline		93#Gasoline		93#Gasoline		93#Gasoline		93#Gasoline		Diesel	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	88kg			
Light Tower Body	Watt x number	180W x 1Lamps	1,000W x 1Lamps		LED 1000w		LED 1000w		LED 1,000W		1,000W x 2Lamps		1,000W x 3Lamps		1,000W x 3Lamps			
	Total luminousness	36,000lm	110,000lm		220,000lm		220,000lm		220,000lm		220,000lm		330,000lm		330,000lm			
	Number of expandable	2	Bend type		3		4		4		5		5		3			
	Length of expandable	2,750mm	1,385-3,630mm		1,725-6,100mm		1,280-4,170mm		2,220-4,960mm		2,220-5,770mm		3,000-6,100mm		Max 9.2m			
	Retracted LWH	1,100 x 550 x 800mm	--		--		530 x 530 x 1,280mm		1080 x 780 x 1,680mm		1,160 x 830 x 1,670mm		1,530 x 960 x 2,200mm		4,570 x 1,550 x 1,500mm			
	Maximum inclination	< 10°	< 10°		< 10°		< 10°		< 10°		< 10°		< 10°		< 10°			
	Anti-wind	≤6	≤6		≤6		≤6		≤6		≤6		≤6		≤8			
Total weight		45kg	59kg		70kg		75kg		135kg		208kg		308kg		720kg			

## FLOODLIGHT SPECIFICATIONS

Items	Model	PB420F-LED	PB420-LED	PB440-LED	PB1200-LED	PB1300	PB1400TMW	PB1400THW	PB1600THWH-LED	PB1800THWH-LED	PB1800THWH-LED
Type	YAMAHA EF2800FW	YAMAHA EF2800FW	YAMAHA EF2800FW	YAMAHA EF2800FW	HONDA EG5000CX	DAISHIN SGB700H-5a	KUBOTA D1105	KUBOTA D1703	KUBOTA D1105	KUBOTA D1105	KUBOTA D1105
Rated voltage	220V	220V	220V	220V	230V	220V	220V	220V	220V	220V	220V
Rated frequency	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ	50HZ
Rated ouput	2.0KVA	2.0KVA	2.0KVA	2.0KVA	4.0KVA	5.5KVA	8.4KVA	12.8KVA	8.4KVA	8.4KVA	8.4KVA
Maximum output	2.3KVA	2.3KVA	2.3KVA	2.3KVA	4.5KVA	6.0KVA	9.5KVA	15KVA	9.5KVA	9.5KVA	9.5KVA
Fuel	93#Gasoline	93#Gasoline	93#Gasoline	93#Gasoline	93#Gasoline	93#Gasoline	Diesel	Diesel	Diesel	Diesel	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	2.3L/hr
Working hours	10hr	10hr	10hr	10hr	9.5hr	9hr	48hr	37hr	48hr	48hr	48hr
Fuel tank capacity	12L	12L	12L	12L	24L	25L	105L	105L	105L	105L	105L
Net weight	42kg	42kg	42kg	42kg	82.5kg	85kg	142kg	155kg	142kg	142kg	142kg
Watt x number	LED180x2	LED180x2	LED180x4	LED400x2	1,000W x 3 Lamps	1,000W x 4 Lamps	1,000W x 4 Lamps	1,000W x 6 Lamps	LED400W x 6	LED400W x 8	LED400W x 8
Total luminousness	72,000lm	72,000lm	144,000lm	220,000lm	330,000lm	440,000lm	440,000lm	660,000lm	660,000lm	880,000lm	880,000lm
Number of expandable	2	4	4	4	5	3	3	3	3	3	2
Length of expandable	1550-2850mm	1,820-4,650mm	1,820-4,650mm	1,880-4,650mm	2,600-6,100mm	Max 9.0m	Max 9.0m	Max 9.2m	Max 9.4m	Max 9.5m	Max 9.5m
Retracted LWH	880 x 420 x 1550mm	1080 x 780 x 1,660mm	1080 x 780 x 1,660mm	1080 x 780 x 1,660mm	1,160 x 830 x 1,800mm	4,570 x 1,550 x 1,500mm	4,570 x 1,650 x 1,900mm	4,570 x 1,750 x 2,100mm	4,570 x 1,750 x 2,200mm	5,300 x 2,000 x 2,400mm	5,300 x 2,000 x 2,400mm
Maximum inclination	< 10°	< 10°	< 10°	< 10°	< 10°	< 10°	< 10°	< 10°	< 10°	< 10°	< 10°
Anti-wind	≤6	≤6	≤6	≤6	≤6	≤8	≤8	≤8	≤8	≤8	≤8
Total weight	79.5kg	125kg	135kg	142kg	239kg	950kg	1150kg	1250kg	1350kg	1550kg	1550kg



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



## Certificate

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

