

ALLMAKES *Light Tower*

4X1000 W
Metalhalide
LED

FEATURE & BENEFITS

- Using Popular Engine Model
- High Luminous Lamp
- Door Access For Easy Maintenance
- Flexible Mobilization with Tyre
- Digital control panel SmartGen HGM1790N
- After Sales Service Support



MODEL	AM-LTM90-4E-YST
Lights Panel	
Power of Lights	4*1000W Metal Halide Lamps (Phillips brand bulbs, ballast, capacitor and Ignitor) , square housing
Lumen output	4x85000 Lumens = 340.000 Lumens (Total)
Voltage	AC220V
Frequency	50 Hz
Working temperature	≤85 °C
IP level	IP54
Mast	
Material of Mast	Galvanized iron, Galvanized thickness 7-10μ, iron thickness 3-4mm
Mast Lifting Type	Manual
Mast Section	3
Mast Rotation System	358° Manual Operation
Max. Height of Mast	9 Meters
Storage of Mast	Fell down to the top of generator set
Diesel Generator	
Engine Model	Yanmar TNV88-GGHW, 3Cylinders, 4-stroke, water cooled, diesel engine.
Material of Generator plate	Iron with heat-treated highly corrosion-resistive powder coating, Iron thickness from 2mm-8mm, (The thickness is determined by the degree of force). Powder coating thickness is about 150-200μ.
Start system	Electric
Alternator	Stamford PI044F, 4-pole, Brushless, excitation Alternator.
Engine speed	50hz/1500rpm
Rated power(Stand-by power)	50HZ/10KW
Continue power	50HZ/8KW
Insulation	H
Fuel Tank Capacity	100L plastic fuel tank
Fuel Tank consumption	1.52L/hr*
Continue operation time	59hours (Fuel full loaded)
Controller System	Digital control panel SmartGen HGM1790N
Engine Shutdown Protection	Low oil pressure, Over/Low speed, Over current, High temperature.
Low fuel level warning	Yes
Trailer	
Tow Hitch	Ring hitch
Stabilizing Legs	4*Manual
Break System	Mechanical Drum Brake
Chassis Structure	Single Axle
Wheel Size	13' x2 tyres
Other features	
Securely close and lock door	Yes
Timer Controller Automatic Start and Shutdown	No
Emergency Stop button	Yes
Forklift pockets	No
Crane eyes	No
Transport by car	Yes
Tail light	Yes, DC 12V
Power Outlet Socket	Yes, 16A/220V for other machine's power supply.
Noise level	83db(a)/7m
Dimension(LxWxH)	4400x1350x1600mm
Weight	About 900kgs

* Factory Fuel Test



ALLMAKES *Light Tower*

**4X480 W
LED**

FEATURE & BENEFITS

- Using Popular Engine Model
- High Luminous Lamp
- Door Accesses For Easy Maintenance
- Heavy Duty Skid For Extreme Condition
- Digital control panel SmartGen ALC704
- After Sales Service Support
- Big Fuel Tank Capacity



MODEL	AM-LTF90-4D-YST
Lights Panel	
Material of lamp shade	Cast aluminium
Power of Lights	4X480W LED
Color temperature	5700K
Beam angle	110°
Lumen output	4x67200 Lumen (140lm/w)
Coverage area (Acre) in 20lux	1.06acre
Coverage area (Acre) in 50lux	0.32acre
Voltage	AC 220V
Frequency	50Hz
Lamp head tilt system	Electric tilt 90°
Working temperature	.-20/55°C
IP level	IP65
Mast	
Material of Mast	Seamless steel tube (45# steel)
Mast Lifting Type	Hydraulic vertical telescopic mast with single cyliner without wire rope.
Mast Rotation System	270°Manual Operation at the top of mast
Max. Height of Mast	7.8 Meters
Storage of Mast	Vertical mast
Diesel Generator	
Material of Generator plate	Steel plate with heat -treated highly corrosion-resistive powder coating, steel plate thickness from 2mm-8mm, (The thickness is determined by the degree of force). Powder coating thickness is about 150-200μ.
Engine Model	Yanmar 3TNV88-GGHWC, 3Cylinders, 4-stroke, water cooled diesel engine.
Start ststem	Electric(Battery start)
Alternator	Stamford PI044F, 4-pole, Brushless, excitation Alternator.
Engine speed	1500rpm/50HZ
Stand-by power	50HZ/10KW
Rated power(Continue power)	50HZ/8KW
Insulation	H
Fuel Tank Capacity	No fuel tank inside the generator body,only use the fuel tank inside the skidding(250L)
Fuel consumption	1.10L/h*
Continue operation time	227Hrs @ Fuel Full Load
Hydraulic oil tank	80L hydraulic oil tank inside the mast box
Controller System	Digital control panel Smartgen ALC704
IP level	IP54
Engine Shutdown Protection	Low oil pressure,over speed, over current, hight temperature detection,
Skidding	
Material	Same specification with latest improvements of 6000KS,but skid size L3000*W2000mm paint spray Ground clearance 200mm
Fuel Tank Capacity	250 liters inside skidding
Other features	
Securely close and lock door	Yes
Emergency Stop buttom	Yes
Low fuel level warning	Yes
Transport by Forklift	Yes
Transport by Crane	Yes
Lightning protection Earth stake	Yes
3kgs Bracket Fire Extinguisher	Yes
Power Outlet Socket	Yes,for other machine's power supply.
Noise level	83db(a)/7m
Anti-wind level	≤ 10
Dimension and Weight	
Dimension(LxWxH)	L3000*W2000*H7800mm
Estimate Weight	About 2850kgs
Loading Quantity	2pcs/40'hq

* Factory Fuel Test



ALLMAKES
***Light
Tower***

**6x350W
LED**

**FEATURE
& BENEFITS**

- Using Popular Engine Model
- High Luminous Lamp
- Door Accesses For Easy Maintenance
- Flexible Mobilization with Tyre
- Digital control panel SmartGen ALC704
- After Sales Service Support



MODEL		AM-LTH90-6G-KST
Lights Panel		
Material of lamp	Aluminum Alloy	
Power of Lights	6X350W LED	
Lumen output	6x49000=294,000Lumens （140lm/w）	
Lamp head tilt system	Not have	
Voltage	AC220V	
Frequency	AC220V	
Working temperature	-20/55	
Optional color temperature	5000k	
Beam angle	135°	
Life time of lamps	Warranty 3years	
IP level	IP65	
Mast		
Material of Mast	Galvanized steel	
Mast Lifting Type	Hydraulic mast with wire rope	
Mast Section	6	
Mast Rotation System	358°Manual Operation	
Max. Height of Mast	9Meters	
Storage of Mast	Vertical mast	
Diesel Generator		
Engine Model	Kubota D1105 3Cylinders, 4-stroke, water cooled, diesel engine.	
Material of Generator plate	Steel with heat –treated highly corrosion-resistive powder coating, steel thickness from 2mm-8mm, (The thickness is determined by the degree of force). Powder coating thickness is about 150-200μ.	
Start ststem	Electric(Battery start)	
Alternator	Stamford PI044F, 4-pole, Brushless, excitation Alternator.	
Engine speed	1500rpm	
Rated power	7.2KW	
Insulation	H	
Fuel Tank Capacity	100L plastic fuel tank inside genset body	
Fuel consumption	1.15L/h	
Continue operation time	86.9hours (Fuel full loaded)	
Controller System	Smartgen ALC704	
Engine Shutdown Protection	Low oil pressure, Over/Low speed, Over current, High temperature.	
Low fuel level warning	Yes	
Skidding		
Tow Hitch	Ring hitch	
Stabilizing Legs	4°Manual	
Break System	Mechanical Brake	
Chassis Structure	Single Axle	
Wheel Size	16' x2 tyres	
Other features		
Securely close and lock door	Yes	
Timer Controller Automatic Start and Shutdown	Yes	
Timer Shutdown Control	Yes	
Emergency Stop buttom	Yes	
Transport by Forklift	Yes	
Transport by crane	Yes	
Tail light	Yes	
Power Outlet Socket	Yes, 16A/220V for other machine's power supply.	
Noise level	70db(a)/7m	
Dimension and Weight		
Dimension(LxWxH)	3050x1420x2835mm	
Weaght	1120kas	

* Factory Fuel Test



ALLMAKES
***Light
Tower***

**1x2880W
LED**

**FEATURE
& BENEFITS**

- Using Popular Engine Model
- High Luminous Lamp
- Door Accesses For Easy Maintenance
- Flexible Mobilization with Tyre
- Digital control panel SmartGen ALC704
- After Sales Service Support
- 360 degree lighting



Model	Light Tower LED 1x2880W LED Hydraulic Mast with wire rope type Wheel
Lights Panel (Casting aluminium)	
Material of lamp	Aluminum Alloy
Power of Lights	1*2880watt LED Lamps (5 sides can be switch on/off individual)
Lumen output	1x403200=403,200Lumens (140lm/w)
Coverage area (Acre) in 20lux	1.94acre(7850m ²)
Coverage area (Acre) in 50lux	1.24acre (5024m ²)
Lamp head tilt system	Not have
Voltage	AC220V
Frequency	50 Hz
Working temperature	-20/55℃
Optional color temperature	5700k
Beam angle	45°
Life time of lamps	Warranty 3years
IP level	IP65
Mast	
Material of Mast	Galvanized steel
Mast Lifting Type	Hydraulic mast with wire rope
Mast Section	6
Mast Rotation System	Not have
Max. Height of Mast	8Meters
Storage of Mast	Vertical mast
Diesel Generator	
Engine Model	Yanmar 3TNV88-GGHWC(or Japan made Yanmar 3TNV88-GGE, depends on which available), 3Cylinders, 4-stroke, water cooled diesel engine.
Material of Generator plate	Steel with heat -treated highly corrosion-resistive powder coating, steel thickness from 2mm-8mm, (The thickness is determined by the degree of force). Powder coating thickness is about 150-200μ.
Start ststem	Electric(Battery start)
Alternator	Stamford P1044F, 4-pole, Brushless, excitation Alternator.
Engine speed	50hz/1500rpm
Stand-by power	50HZ/10KW
Continue power	50HZ/8KW
Insulation	H
Fuel Tank Capacity	100liters inside skid
Fuel consumption	1.38L/h
Continue operation time	86hours (Fuel full loaded)
Controller System	Smartgen ALC704
Engine Shutdown Protection	Low oil pressure, Over/Low speed, Over current, High temperature.
Low fuel level warning	Yes
Skid /trailer type	
Tow Hiltch	Ring hiltch
Stabilizing Legs	4*Manual
Break System	Mechanical Brake
Chassis Structure	Single Axle
Wheel Size	16' x2 tyres
Other features	
Securely close and lock door	Yes
Timer Controller Automatic Start and Shutdown	Yes
Timer Shutdown Control	Yes
Emergency Stop buttom	Yes
Transport by Forklift	Yes
Transport by crane	Yes
Tail light	Yes
Power Outlet Socket	Yes, 16A/220V for other machine's power supply.
Noise level	83db(a)/7m
Dimension(LxWxH)	About 3050*1420*3185mm
Weight	About 920kgs

* Factory Fuel Test

