

YL4000M

LIGHTING TOWER

384,000M Lumens / 5.1-6.0kVA



YL4000M Control panel scope of supply

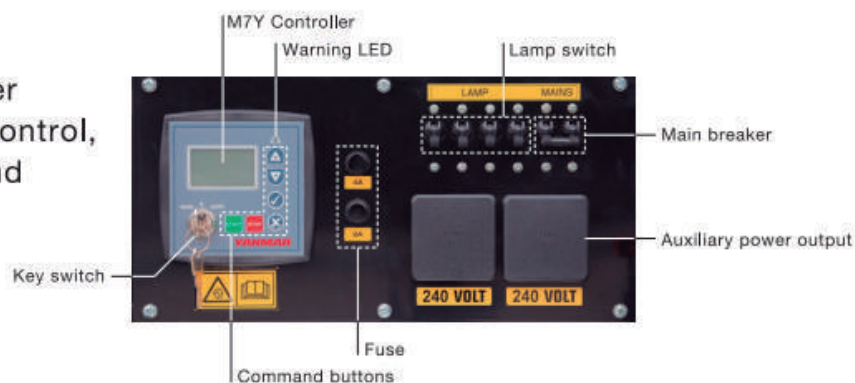
GENERATOR INDICATIONS	
Voltage among phase and neutral	✓
Amperage	✓
Frequency	✓
Apparent power (kVA)	✓
Active power (kW)	✓
Reactive power (kVAR)	✓
ENGINE INDICATIONS	
Coolant temperature	✓
Oil pressure	✓
Fuel level	✓
Battery voltage	✓
Revolution speed	✓
Battery charge alternator voltage	✓
Unexpected shutdown	✓
Stop failure	✓
Low battery voltage	✓
Start failure	✓
Emergency Stop	✓
ENGINE PROTECTIONS	
High coolant temperature	P
Coolant temperature by sensor	Pro
Low coolant level	P
Low oil pressure	P
Low fuel level	A
Fuel level by sensor	Pro
Battery charge alternator failure	A
Overspeed	P
Underspeed	P

ALTERNATOR PROTECTIONS	
High frequency	P
Low frequency	P
High voltage	P
Low voltage	P
Short-circuit	P
Asymmetry among phases	P
Incorrect phase sequence	P
Reverse power	P
Overload	P
COUNTER INDICATIONS	
Total hour counter	✓
Partial hour counter	✓
Kilowatt meter	✓
Start valid counters	✓
Start failure counters	✓
Maintenance	✓
FEATURES	
Alarm history	UP to 100
External start	✓
Start inhibition	✓
Pre-heating engine control	✓
Gen-set contactor activation	✓
Fuel transfer control	x
Manual override	x
Programmable alarms	✓
Genset start function in test mode	x
Programmable outputs	✓
Multilingual	✓

✓:Standard x:Not included A:Warning, alarm without engine stop. P:Alarm with engine stop. SI:Separate indicator Pro:Programmable

Note: All the protection are programmable to carry out "warning" or "engine stop with or without cooling"

M7Y controller allows easy control, monitoring and protection.

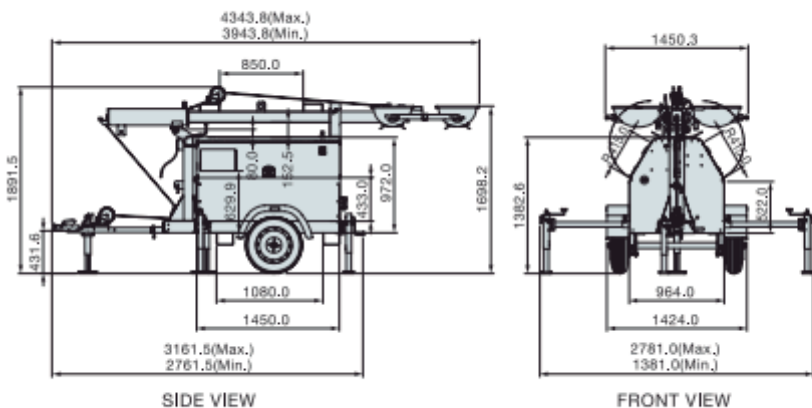


Note : All data subject to alteration without notice.

SPECIFICATIONS

Model		YL4000M-5B	YL4000M-6CS	
Unit	Power	kVA / kW	5.1 / 5.1	6.0 / 6.0
	Auxiliary power output (Lights off)	kVA / kW	5.1 / 5.1	6.0 / 6.0
	Frequency	Hz	50	60
	Voltage	V	230	240
	Maximum dimensions (Working mode)	mm	L:2762 x W:2781 x H:9068	
	Maximum dimensions (Transport mode)	mm	L:4344 x W:1450 x H:1890	
	Dry mass	kg	834	
	Fuel		Diesel	
	Fuel tank capacity	Lit	114	
	Maximum run time	hrs.	70	65
	Noise level at 7m (100% load)	dB (A)	74	76
	Noise level at 4m (75% load)	LWA dB	99	101
Engine	Model	3TNM72-GHFCL		
	No. of cylinders	3		
	Aspiration	Natural		
	Rated speed	min ⁻¹	1500	1800
	Cooling system	Radiator cooling		
	Fuel consumption (100% load)	Lit / hr	1.63	1.75
	Speed governor	Mechanical		
Alternator	Model	LT3-130/4	LT3-100/4	
	No. of poles / phase	4 / Single phase (4 - wire)		
	Type	Brushless		
	Voltage regulator	Capacitor		
	Power factor	1.0		
	Insulation	Class H		
	Coupling	SAE 5-6, 5"		
Lighting mast	Lift up type	Manual		
	Maximum height	9m (3- Mast sections)		
	Rotation	Degrees	360°	
	No. of lamps	4 x 1,000W		
	Type of lamp	Metal halide		
	Total lumens	lm	4 x 96,000 = 384,000	
	Lighting area	m ²	4 x 8,000 = 32,000	
Others	No. of auxiliary socket (Standard supply)	2 x 16A	2 x 13A	
	No. of stabilizers	4		
	Controller model	YANMAR M7Y (Digital controller)		
	Fork-lift pockets	Standard supply		
	Tires	2 x 165R 13		

DIMENSIONS



CONTAINER LOADING

20ft: 6 units

40ft: 18 units 

MAXIMUM HEIGHT

