

## ALMAR LT 10



### Lighting Towers



#### Prime Power

Refers to the main power supply, working under 70% average load for unlimited time. 10% overloading is allowed.

#### Stand-by Power

Refers to the back up power supplied to the varying load for a limited time. Overloading is not allowed.

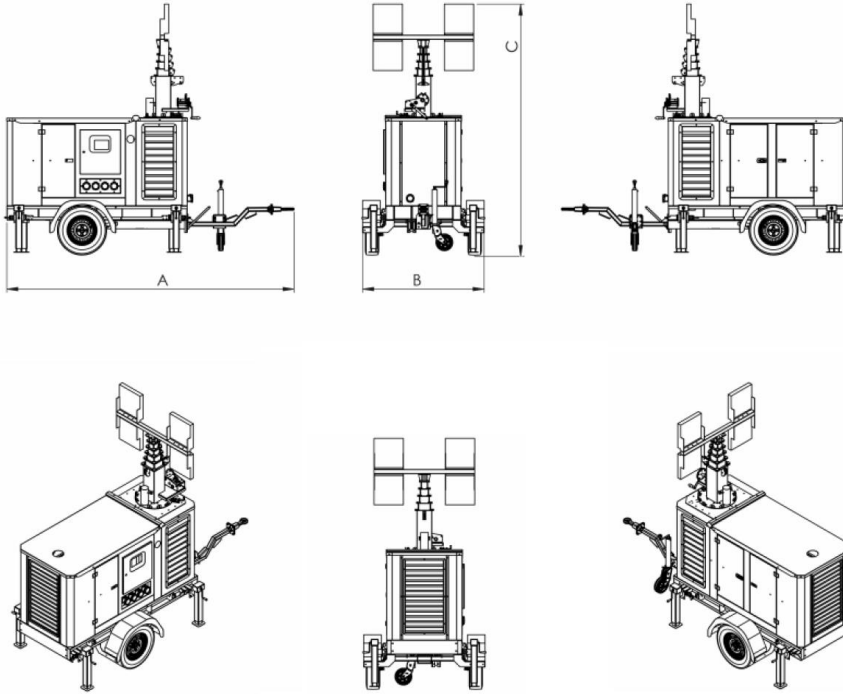
### Lighting Tower

		Prime	Stand-by
Power	kVA	9,1	10
Power	kW	7,28	8
Model Name		ALMAR LT 10	
Engine Brand		Alimar	
Engine Model		DS 10.000 ME	
Fuel Type		Dizel	
Fuel Tank Capacity	lt	25	
Fuel Consumption (100%)	lt/h	3,23	

The images used are for representation purposes. Alimar reserves the right to make changes to models, technical specifications, color, equipment, accessories, and images without prior notice.

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Dimensions – A x B x Y	mm	2665 x 1515 x 3245
Tower Height	m	7 - 9
Number of Cylinders		1
Stroke	mm	85
Bore	mm	100
Oil Capacity	lt	2,1
Electrical System	VDC	12
RPM	rpm	3000
Number of Phases		1
Plug (Output)		3x16A/230VAC , 3x16A/230VAC
Plug (Input/Grid/Internal requirement)		-
Armature Power Factor		>0,95
Armature Protection Class		IP 65-66
LED Armature Power	W	4x150/300/400
LED Armature Lumen (300W/400W)	lm	31.500/42.000
Max. Wind Speed	km/s	45

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### Control Module



### ALM929

ALM 929 is a next generation genset controller combining multi-functionality and wide communication capabilities together with a reliable and low-cost design. The same controller provides AMF, ATS, Remote Start, Engine Control and Remote Display Panel functionalities.

- Stand-by and prime-power application in one unit
  - Multi languages functionality
  - 3 level of passwords
  - 16Amp MCB & GCB outputs
  - 4 analog inputs, 8 binary inputs, 8 binary outputs
  - ECU Support
  - 4 slots for plug-in modules
  - Adjustable delay for binary inputs
  - Fuel pump control
  - Real time clock
  - Multi-purpose scheduler functionality maintenance timers
  - Alarms and gen-set status assignable to binary outputs
  - Disable protections feature
  - Detailed history log records
  - Modbus register mapping possibility
  - -20 / +70 C operating temperature
  - IP65 rating with standard gasket
  - Communications
    - Ethernet port \*
    - GSM-GPRS \*
    - RS-485 \*
    - USB
    - J1939-CANBUS
- \* Optional with plug-in module



### AMF 9

IntelLite NT AMF 9 Control Module

#### Protection Functions

- Overvoltage
- Low voltage
- Voltage asymmetry and phase sequence
- High frequency
- Low frequency
- Short-circuit current
- Overcurrent
- Power factor
- Coolant temperature
- Low oil pressure

#### Auto Panel Features

- Automatic generator, grid control and fault monitoring
- Easy control with a user-friendly interface from the panel screen
- Remote operation with optional communication cards
- Manual programming with password-protected service interface
- Manual control of generator and transfer panel with buttons on the front panel
- Front panel protection class IP65
- With an operating temperature of -20 C to +70 C and a storage temperature of -40 C to +80 C

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