

## ALMCU 38 LT LS

### 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.

#### Generator

		Prime	Stand-by
Power (kVA)	kVA	34,5	38
Power kW	kW	27,6	30,4

Generator Model::	ALMCU 38 LT LS
Engine Manufacturer Model:	Cummins / X3.3G1
Fuel Type:	Diesel
Frequency:	50 Hz
Power Factor:	$\cos \Phi = 0.8$
Voltage:	220
Fuel Tank Capacity:	lt
Dimensions - L x W x H:	
Weight:	

H: External

K: Container

TBA: To be added

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#### Control Panel



ALM929



AMF9

#### Comap InteliNano NT Plus

Largest graphic display in its class  
AMF and MRS function  
User friendly interface  
Manual start function  
Engine control function

#### Measurements

Mains and gen. LL - LN voltages  
Mains and generator frequency  
Mains and generator phase current  
Engine protection functions

#### Connections

3 phase 4 wire, star & delta  
3 phase 3 wires, 2 current transformers  
2 phase 3 wire  
1 phase 2 wire

#### Communication

PC connection via USB  
J1939-CANBUS

#### 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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#### Standard Features



#### Engine

Low fuel consumption and high performance latest technology diesel engines are used with electronic or mechanical governor, water-cooled radiator system , replaceable oil, fuel, air filters.

#### Alternator

With its robust and compact structure, steel body, maintenance-free single bearing system, brushless, self-excited system and electronic type AVR, alternators suitable for the special needs of different applications are used.

#### Gen-Set Canopy

Modular cabinets are used in accordance with 2000/14/EC directives, covered with sound and heat insulation flame-resistant sponge, corrosion and rust resistant paint, locks and hinges, large lockable doors on both sides for easy service and maintenance. Exhaust and silencer insulated according to engine suitability. Small and medium power fuel tank is designed as underchassis. Lifting ears on chassis. Vibration prevention wedges are used under the chassis.

#### Standard Accessories

- Industrial silencer and stainless compensator
- Maintenance-free lead-acid starter battery, cable and stand
- Control module
- Relays and fuses
- Emergency stop button
- 4x300 W led or 4x1000 W projector
- Mechanical mast that can rise up to 7 meters
- Carrier single axle trailer
- Light system suitable for highways
- 4 balance legs
- Forward-reverse drawbar
- 360 degree rotating projector

#### Optional Features

- Handbrake
- Hydraulic mast
- Double axle trailer
- LED and projector lighting units and types
- Projector position control electrically and mechanically

#### Other Accessories

- Electric/Manual oil drain pump
- Critical type silencer
- Trailer