

AQT TOWER LIGHT

AQT Tower Lights utilize robust and durable engines sourced from Perkins UK or Kubota Japan, offering an outstanding balance of price and quality. These engines are meticulously designed to cater to a wide range of applications, including construction sites, events, and various industrial settings. With their reputation for reliability, AQT Tower Lights provide dependable power solutions for diverse projects, ensuring optimal performance in demanding environments.

"We deliver power, service and solutions in exactly the way you want."



5 KVA Kubota				
TYPE	SPEED	VOLTAGE	Prime Rating @ 0.8 PF	Stand-by Rating @ 0.8 PF
TL Kubota	1500 RPM	230/400 V	4.2 KVA	4.5 KVA
	1800 RPM	220/380 V	5.1 KVA	5.5 KVA
10 KVA Kubota				
TYPE	SPEED	VOLTAGE	Prime Rating @ 0.8 PF	Stand-by Rating @ 0.8 PF
TL Kubota	1500 RPM	230/400 V	9.0 KVA	9.9 KVA
	1800 RPM	220/380 V	10.9 KVA	12.1 KVA
10 KVA Perkins				
TYPE	SPEED	VOLTAGE	Prime Rating @ 0.8 PF	Stand-by Rating @ 0.8 PF
TL Perkins	1500 RPM	230/400 V	9.0 KVA	9.9 KVA
	1800 RPM	220/380 V	11.2 KVA	12.4 KVA

CHARACTERISTICS

Lighting Mast & Trolley

No. of Lamp	4 x 400 W Flood LED/ 4 x 1000 W Metal Halide Lamps
Trolley Axle	SINGLE
Number of wheel	2
Lifting Type	High Capacity Durable Auto Break; Winch System
Maximum height	8.5
Rotation deg	340 Degree Rotatable Mast
Fuel Tank	12 hours operation capacity tank

Canopy Details

Enclosure:	Heavy Gauge Steel
AUX Socket and Switches:	AUX (1 x 32A 3Ph)
Drainage:	Fuel & Water drainage provision
Ingress Protection:	IP 23
Canopy RAL Color:	RAL 9010 - Powder coated
Base Frame RAL Color:	RAL 9010 - Powder coated
Noise pressure level@:	57.1db(A) @ 7mt



Lighting Tower Specification - Minimum

Length:	2400 mm
Width (Retracted):	1400 mm
Overall Height Travel Position	2630 mm
Weight (Without Fuel):	550 kg

Lighting Tower Specification - Maximum

Length:	2400 mm
Width (Extended):	1400 mm
Height (Extended):	8500 mm
Weight (With Max Fuel):	620 kg



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ALQWA ALTHAKYA TRADING L.L.C

AQT GENERATORS
www.aqtgenerators.com

Technical Data

KEY FEATURES

- Multi-directionally adjustable and tiltable floodlights
- 4x400W, 220V LED or 4 x 1000 Metal Halide Lights
- 220V power between the generator and the lights
- Manual vertical mast 8.5m, 340 rotatable
- Galvanized metalworks
- 80-120µm Powder coating
- Very Compact dimensions for easy handling & transportability, up to 8 units per truck
- Longitudinal and transversal forklift pockets for effective handling
- Plug & play, colour coded power cables and connectors
- IP23 level protection
- Guided main coiled cable to avoid damage during tower operation
- Control panel alarms for engine protection
- Electrical protection from overload and circuit breaker
- External emergency stop button
- Fully bounded tank, 110%
- Wind stability up to 110km/h
- 4 height adjustable stabilizers
- On board levels for guidance during stabilization

APPLICATIONS

- Oil, gas & mining operations
- Special Events
- Rural & hard to reach areas
- Emergency response
- Construction & work sites
- Military applications

Engine

Engine Make & Model	Perkin 403A-11G1 (10 kVA)	KUBOTA D1105-E2-BG (10 kVA)	KUBOTA Z482 (5kVA)
No. of Cylinders	3 Vertical In-Line	3 Vertical In-Line	2 Vertical In-Line
Cycle	4-Stroke	4-Stroke	4-Stroke
Aspiration	Natural	Natural	Natural
Cooling Method	Water Cooled	Water Cooled	Pressurized Radiator, force circulation with water pump
Governing Type	Mechanical	Mechanical	Mechanical Governor + Electronic Governor
Coolant Capacity	5.2 L (with radiator)	5.1 L (with radiator)	5.1 L (with radiator)
Compression Ratio	23:01	24	22
Displacement (L)	1.131 litres (69.0 cubic in)	1.123 litres (68.5 cubic in)	0.479 litres (29.23 cubic in)
Bore/Stroke (mm)	77 x 81 mm (3.0 in x 3.2 in)	78 x 78.4 mm (3.0 in x 3.2 in)	68.0 x 68.0
Battery Charger, Ampere	12V DC/ 15 Amps	12V DC/ 30 Amps	12V DC/ 30 Amps

Alternator

Alternator Make & Model	Leroy Somer / Stamford / Linz Electric
No. of Poles	4
WINDING LEADS	6/12
No. of Bearings	Single
Insulation Class	Class H
Ingress Protection Rating	IP-21
Excitation System	Self Excited
AVR Model/Capacitor	R120

Controller

Controller Make and Model	DSE 4520 MK11
Operation mode	MRS / AMF(Optional)
Display	Graphic back-lit LCD
Ingress Protection Rating	Sealed front face (IP65)
Engine Protection	Temp, Pressure, speed, charge failure
Alternator Protection	Freq, voltage, short-circuit, reverse power, overload
Emergency	Emergency Stop Push Button
Event Log	Alarms log, Hours log
Fuel indication	Fuel Level sensor (Optional)



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http://www.aqtgenerators.com



Our Success

We owe our success to our hardworking, highly skilled and committed employees. Our core focus lies in providing customized integrated products and services with well-established infrastructure, equipment and manpower to support and provide the turn key solutions for various industries. We provide the latest in power generator technology equipment, allowing us to give our customers the best product and the best possible service.

Objectives

Our objective is to serve customers to the utmost by providing them with the best-in-class electric generators, reliable door to door delivery, and after sales service at competitive market prices.

“We continue to build our solid reputation for excellence and response, while delivering reliable and tailored solutions to meet the customer's requirements”.



AQT GENERATORS

Elevate your project's visibility with AQT Tower Lights, the pinnacle of lighting solutions designed to meet and exceed your expectations. Our tower lights are meticulously crafted to offer unparalleled performance and durability, making AQT a trusted name across various industries. Ideal for construction sites, special events, emergency services, sporting activities, mining, oilfield services, and various industrial applications.



CONTACT US

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