MODEL 1.0

The mobile light towers Aska Model 1.0 offers low operational costs, reduced noise levels, powerful illumination coverage, while ensuring maximum safety at any site. It features new generation of LED lights that are more efficient and provide optimal light distribution in even the harshest conditions.

These light towers excel in maintenance and transport efficiency, demanding minimal upkeep and offering easy mobility.

Engine Make
Kohler, USA

Fuel Tank type
Bunded Tank

Engine Speed
3000 rpm

Fuel Tank Capactiy
80 litre

Alternator Make
PERFECT/NSM
TYPE : BRUSHLESS & SINGLE PHASE

Wind Speed Stability
110 Km / hr

Rated Output
5 KVA

Tower Height with Lights
7.8 MTR

Noise Level
<70 dB(A)
at 7m distance

TECHNICAL SPECIFICATIONS FOR ASKA MODEL 1.0

PARAMETER	COB LED FLOOD LIGHT			SMD LED FLOOD LIGHT					
	Super Premium Product			Premium Product			Standard Product		
	VT-8 350W LED	VT-8 400W LED	VT-8 500W LED	VT-8 300W LED	VT-8 350W LED	VT-8 400W LED	VT-8 300W LED	VT-8 350W LED	VT-8 400W LED
LUMANARIES									
Floodlights/Lamp	LED	LED	LED	LED	LED	LED	LED	LED	LED
Wattage	4 No's x 350 W	4 No's x 400 W	4 No's x 500 W	4 No's x 300 W	4 No's x 350 W	4 No's x 400 W	4 No's x 300 W	4 No's x 350 W	4 No's x 400 W
Total Lumens Output	210000 Lm	224000 Lm	260000 Lm	168000 Lm	196000 Lm	224000 Lm	132000 Lm	154000 Lm	176000 Lm
Lumens per Watt (±10%)	150 Lm/W	140 Lm/W	130 Lm/W	140 Lm/W	140 Lm/W	140 Lm/W	110 Lm/W	110 Lm/W	110 Lm/W
Approx. Area Coverage (Average 20 Lux Minimum)	5800 sqm	6250 sqm	7400 sqm	5050 sqm	5500 sqm	6250 sqm	4000 sqm	4800 sqm	5250 sqm
DIESEL ENGINE									
Engine Model	KD15-441 GSI4 (Air Cooled)	KD15-441 GSI4 (Air Cooled)	KD15-441 GSI4 (Air Cooled)	KD15-441 GSI4 (Air Cooled)	KD15-441 GSI4 (Air Cooled)	KD15-441 GSI4 (Air Cooled)	KD15-441 GSI4 (Air Cooled)	KD15-441 GSI4 (Air Cooled)	KD15-441 GSI4 (Air Cooled)
Engine horse power	8.2 HP	8.2 HP	8.2 HP	8.2 HP	8.2 HP	8.2 HP	8.2 HP	8.2 HP	8.2 HP
Engine Rated Power (KW)	6.1 (Continuous)	6.1 (Continuous)	6.1 (Continuous)	6.1 (Continuous)	6.1 (Continuous)	6.1 (Continuous)	6.1 (Continuous)	6.1 (Continuous)	6.1 (Continuous)
No. of Cylinders	1	1	1	1	1	1	1	1	1
Emission Norms	CPCB - 4	CPCB - 4	CPCB - 4	CPCB - 4	CPCB - 4	CPCB - 4	CPCB - 4	CPCB - 4	CPCB - 4
FUEL TANK									
Fuel consumption (approx)	0.870 Ltr/Hrs	0.900 Ltr/Hrs	1.0 Ltr/Hrs	0.850 Ltr/Hrs	0.870 Ltr/Hrs	0.900 Ltr/Hrs	0.850 Ltr/Hrs	0.870 Ltr/Hrs	0.900 Ltr/Hrs
ALTERNATOR									
Alternator Model	Per 5.5	Per 5.5	Per 5.5	Per 5.5	Per 5.5	Per 5.5	Per 5.5	Per 5.5	Per 5.5
Alternator Degree of protection	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Rating Volatge (Volt)	230 Volt	230 Volt	230 Volt	230 Volt	230 Volt	230 Volt	230 Volt	230 Volt	230 Volt
Auxiliary Power	16 amp. Maximum	16 amp. Maximum	16 amp. Maximum	16 amp. Maximum	16 amp. Maximum	16 amp. Maximum	16 amp. Maximum	16 amp. Maximum	16 amp. Maximum
VERTICAL MAST									
Type	Manual Operation winch and each operation interlocked	Manual Operation winch and each operation interlocked	Manual Operation winch and each operation interlocked	Manual Operation winch and each operation interlocked	Manual Operation winch and each operation interlocked	Manual Operation winch and each operation interlocked	Manual Operation winch and each operation interlocked	Manual Operation winch and each operation interlocked	Manual Operation winch and each operation interlocked
Number of mast section	5	5	5	5	5	5	5	5	5
Mast Rotation	360 degree with locking system & manual operation	360 degree with locking system & manual operation	360 degree with locking system & manual operation	360 degree with locking system & manual operation	360 degree with locking system & manual operation	360 degree with locking system & manual operation	360 degree with locking system & manual operation	360 degree with locking system & manual operation	360 degree with locking system & manual operation
Mast Erection time	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes	< 2 minutes
ENGINE CONTROLLER									
Engine Controller Make	Perfect/Procom	Perfect/Procom	Perfect/Procom	Perfect/Procom	Perfect/Procom	Perfect/Procom	Perfect/Procom	Perfect/Procom	Perfect/Procom
Engine Controller Make	EP-66/EEPL-66/EMC-01	EP-66/EEPL-66/EMC-01	EP-66/EEPL-66/EMC-01	EP-66/EEPL-66/EMC-0	EP-66/EEPL-66/EMC-01	EP-66/EEPL-66/EMC-01	EP-66/EEPL-66/EMC-01	EP-66/EEPL-66/EMC-0	EP-66/EEPL-66/EMC-01
Safety Features	Engine RPM, low fuel level, Emergency stop, kilo watt(KW), Kilo watt ampere(Kva), Power factor(Pf), Freqency (Hz), Load Current, Battery Voltage(DC), Generator Voltage								