

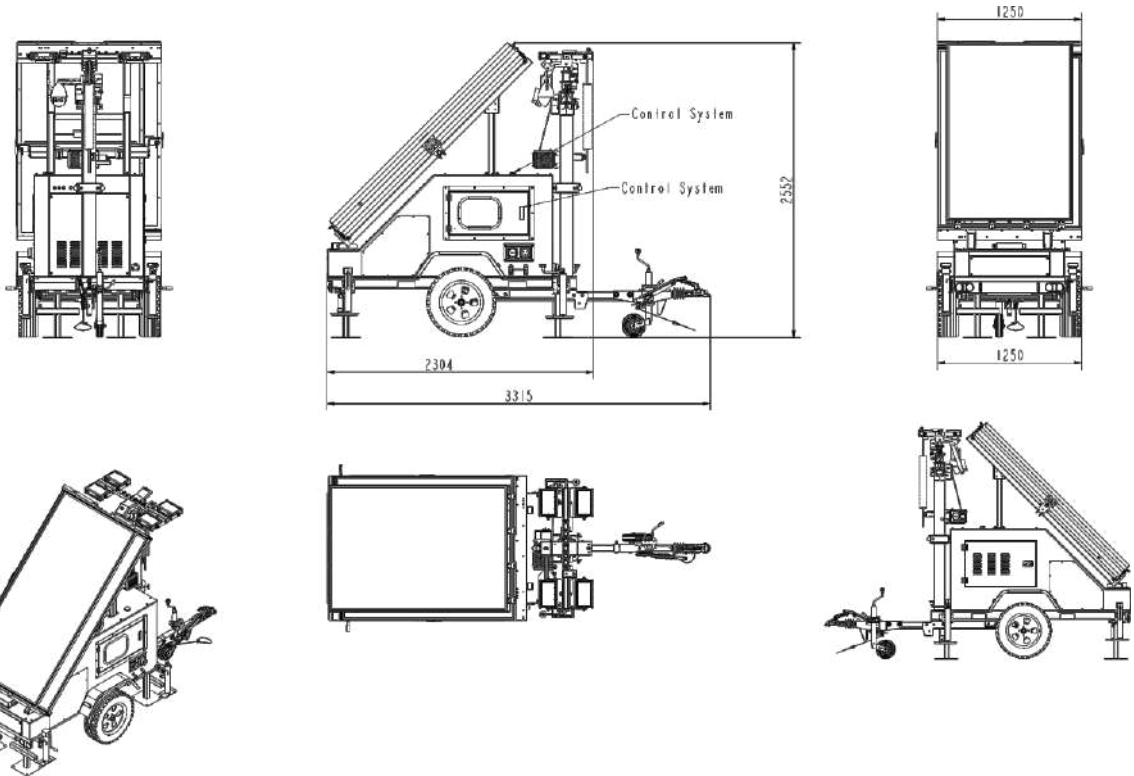
Falcon

solar light 201



ZERO *Fuel*
Noise
Emissions
Maintenance

DyMac 
UNITED KINGDOM



Dimensions

Length (L) (mm)	2300	Weight (Kg)	774
Width (W) (mm)	1250	Loading capacity in 40 HQ (units)	09
Height (H) (mm)	2550		



2400 SQM



0% EMISSIONS



0% NOISE



0% FUEL



**RUN TIME
365 NIGHTS**



09 PER TRUCK

Harvesting Clean Energy / Protecting Our Environment

Falcon

solar light 201

Model (FSL-201)



Solar Charging Controller

Model	UP 2000 - HM6022
Max. Battery Charging Current	60 A
Rated Voltage	24 V
Max. PV Input Power	2500 W
Max. Output Efficiency	99.5%
Utility Input Voltage	176VAC~264VAC (Default); 90VAC~280VAC (Programmable)
Utility Input Frequency	40~65Hz
Max. Utility Charge Current	60A
Continuous Output Power (Inverter)	2000W
Output Voltage Range	220VAC (-6%~+3%); 230VAC (-10%~+3%)
Output Frequency Range	50/60Hz±0.2%
Max. Output Efficiency	93%
Protection Class	IP30
Quantity	1pcs

Solar Panel

Maximum Power (Pmax)	550 W
Maximum Power Voltage (Vmp)	41.96 V
Maximum Power Current (Imp)	13.11 A
Power Tolerance	0/+5W
Lifting Angle	45°
Extending Type	Sliding
Extending area	6.85m ²

Battery Bank

Type	Lithium-Ion battery
Model	2 x 100AH 25.6V
Voltage	25.6 (One battery)
Maximum Charging Current	100A
Quantity	1 pcs

Trailer

Model	AL-KO B750 (On Road)
Loading Capacity	750 Kg
Drawing Bar	Ball Type
Pulling Speed	≤ 80km/h

Mast

Model	LHSL - 1000A1
Maximum Lifting Height	7.5m
Mast type	Electric

LED Lamp

Input Voltage	DC 24V
LED Power	100W (One Lamp)
Light Beam Angle	60°
LED Luminous Efficiency	160lm/w
Correlated Color Temperature	3000 - 5700K
Protection Class	IP67

Standby Gasoline Generator

Maximum Power	1.5 kW
Rate Voltage	AC 230V

Others

Battery Charger	AC 220V-240V 20A
Inverter	500W (DC 24V-AC 230V, 50/60Hz)
Web Camera	HD-IP Wi-Fi Operated
4G Router	Provide 4G wireless network



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