Dominator H1000
Hybrid Solar Lighting Tower

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The Dominator H1000 Hybrid is a high-performance lighting trailer engineered for superior efficiency and convenience. Delivering an impressive 240,000 lumens, this hybrid solar-diesel lighting tower combines renewable energy with the reliability of a diesel generator, ensuring consistent, high-output lighting for demanding remote or off-grid applications.

Designed for seamless deployment, the H1000 features fully automatic setup and pack-down, remote controlled for quick and hassle-free operation. Its easy-access design simplifies maintenance and operation, enhancing overall efficiency. For effortless transport, the H1000 is equipped with side forklift pockets, a modular, forklift able battery box, and a forklift able generator pack.

HYBRID POWERED BY SOLAR ENERGY AND DIESEL

FULLY AUTOMATIC DEPLOYMENT
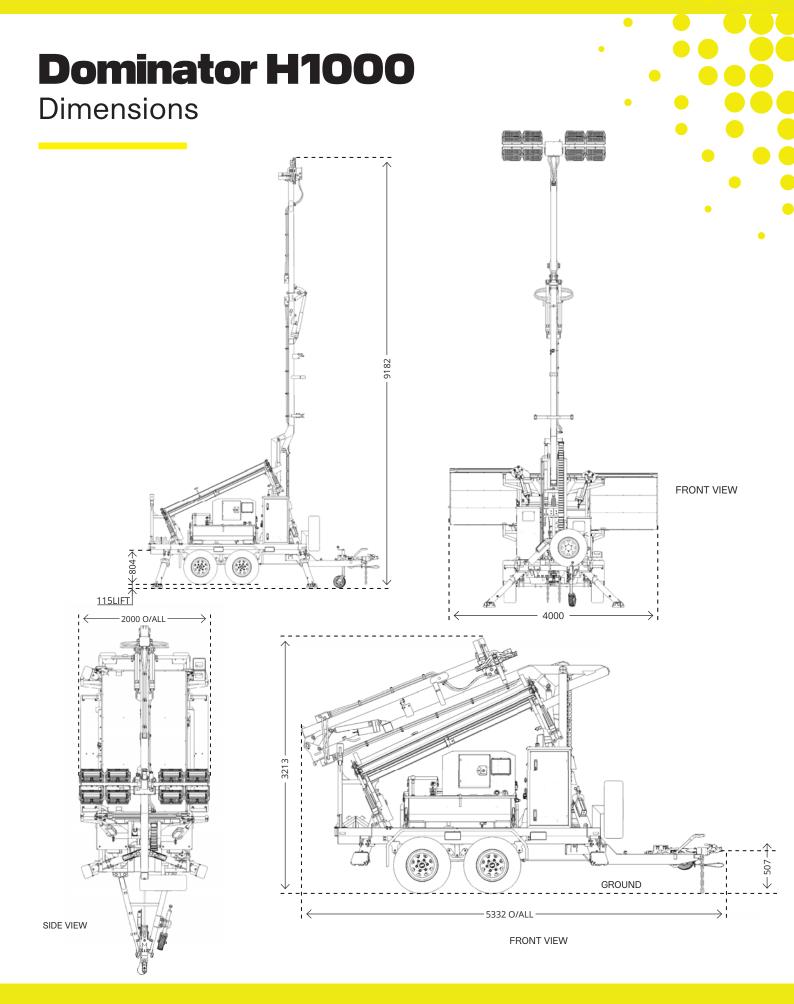
OPTIONAL REAL-TIME TRACKING FOR OPTIMAL ASSET MANAGEMENT

Dominator H1000
Specifications

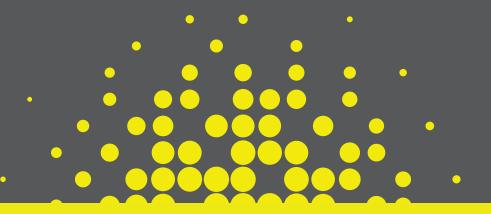| CODE	ETG-13DH011
MANUFACTURER SPEC	
OVERALL DIMENSIONS (TRANSPORT)	5295 × 2020 × 3213 mm
OVERALL DIMENSIONS (SET UP)	4912 × 4000 × 9182mm
TOTAL WEIGHT (ATM, GTM & TARE)	"ATM: 2500kg | GTM: 2250kg | TARE: 1790kg"
TOTAL HEIGHT (SET UP)	9182mm
LUMINAIRE HEIGHT	8898mm (centre of lights)
FOOTPRINT (SET UP)	4000 × 4912mm
AXLE CONFIGURATION	Dual Axle, Leaf Springs
TYRE & WHEEL SIZE	15" Steel Wheel 6×139.7mm Stud, LT235/75R15 All Terrain Tyres
BRAKING SYSTEM	Knott Mechanical Overrun Drum Braking System
TOW HITCH OPTIONS	50mm Ball Standard, 75mm Ring Hitch optional
OPERATION	
STABILISER LEGS	Electric Actuator Operation
MAST	Electric Actuator Operation
LIGHT HEAD TILT and ROTATION	Electric Motor Operation
SOLAR PANEL DEPLOYMENT	Electric Actuator Operation
FUNCTION CONTROLS	Remote Control or Onboard Control Panel
LUMINAIRE	
LUMINAIRE	VEVA Pro Floodlight
LUMINAIRE QUANTITY	8
LUMINAIRE WATTAGE	163
TOTAL LUMEN OUTPUT	240,000lm
LIGHTING CONTROL	Timer Controlled with watch battery backup
STANDARD LIGHT RUNTIME/NIGHT	12 hours
ELECTRICAL	
BATTERY	ETG-14TB015 (LiFePO4-Lithium Ion Phosphate Battery)
BATTERY QUANTITY	4
BATTERY CAPACITY (kWh)	18.43kWh
BATTERY SYSTEM VOLTAGE	25.6
SOLAR PANEL W	700
SOLAR PANEL QTY	3
MPPT CHARGE CONTROLLER	Victron SmartSolar MPPT 250/85
GENERATOR	
ENGINE	HATZ 1B30-E fiPMG
FUEL TYPE	Diesel
KW	2.8kW
DIESEL TANK	160L
CONTROL SYSTEM	Victron Ekrano GX
OPERATION	Automatic Generator Start/Stop Voltage Controlled
PERFORMANCE	
HOURS LIGHT RUNTIME ON BATTERY	11 Hours
DAYS OF LIGHT RUNTIME PER DIESEL TANK	Up To 65 Days
HOURS OF GENERATOR RUNTIME PER NIGHT	Approximately 3 hours
LIGHTING HOURS BETWEEN SERVICE	Up To 950 hours
ENVIRONMENTAL	
Wind Rating (SET-UP)	115Km/h
INGRESS PROTECTION (IP) RATING	IP55 ENCLOSURE • IP65 LUMINAIRE • IP68 SOLAR PANEL

Dominator H1000

Dimensions

9182

804

115LIFT

2000 O/ALL

FRONT VIEW

4000

3213

GROUND

507

5332 O/ALL

SIDE VIEW

FRONT VIEW

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EarthLight

ILLUMINATE