



LIGHTING TOWER

HERCULES SERIES

HLT-4006-HLD



READY
STOCK



FAST
SHIPPING

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HERCULES SERIES HLT-4006-HLD SPESIFICATION



9 meters Maximum Height



FREQUENCY



384.000 Lumens



R.P.M.



Manual Lifting system



METAL HALIDE



DIESEL

Company with quality certification ISO 9001

Gensets are compliant with EC mark which includes the following directives:

- 2006/42/CE Machinery safety.
- 2006/95/EC Low voltage.
- 2014/30/UE Electromagnetic compatibility.
- 2014/35/UE electrical equipment designed for use within certain voltage limits
- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC)
- 97/68/EC Emissions of gaseous and particulate pollutants. (amended by 2002/88/EC & 2004/26/EC)
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2005 normative: 1000 mbar, 25°C, 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2005, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

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DETAIL SPECIFICATION

GENERATOR

Poles	4
Connection type (standard)	Single fulcrum
Mounting type	S-5 6,5"
Insulation	H class
Enclosure (according IEC-34-5)	IP21
Exciter system	Self-regulated brushless
Voltage regulator	AVR
Bracket type	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)

MAST

Mast type	Manual
Mast sections	6
Raising / lowering time	-
Rotation	360° manual
Double safety block	Standard
Lamps	4 x 1000 W
Lamps type	Metal halide
Total lumens	4 x 96.000=384.000
Remaining power	6,0

BODYWORK

Canopy	Standard
Retention tray	-
Auxiliary sockets	2 x 16 Amp
Auxiliary input supply socket	-
Lifting hook	Standard

CHASSIS

Chassis traction ki	Standard
Signalling lamps	Reflectors (rear light kit optional)
Wheels	2 x 165R13
Stabilisers	4
Bracket holders	Standard

PANEL CONTROL

Control and protection panel	UK DEEPSEA DSE L401 manual controller
"Thermal magnetic switches to protect the spotlights and auxiliary sockets"	Standard
Manoeuvring push buttons	-

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HERCULES SERIES HLT-4006-HLD SPESIFICATION

SPECIFICATIONS		
Power (P.R.P)	kVA	10,0
Voltage (2+N)	V	230
Maximum dimensions (in working mode)	(L x W x H)	3162 x 2781 x 9068
Minimum dimensions (in transport mode)	(L x W x H)	3944 x 1451 x 1892
Weight	Kg	755
Fuel tank capacity	L	114
Tank refilling		Internal
Autonomy		70
Noise level (power at 7m)		74 dB(A)
Engine Specifications 1.500 r.p.m.		
Model		3TNV88-GGE
Engine Type		4-stroke diesel
Aspiration Type		Natural
Number of cylinders and arrangement		3-L
Bore and Stroke	mm	88 x 90
Displacement	L	1,642
Cooling System		Coolant
Lube Oil Specifications		SAE 3 class 10W30 / API grade CD,CF
Compression Ratio		18.2:1
Fuel consumption (lights only)	L/Hr	1,32
Governor	Type	Mechanical
Air Filter	Type	Dry

HERCULES SERIES HLT-4006-HLD

- Emergency stop
- Wide accesses for maintenance and control
- 4 stabilizers, two of which are extensible to guarantee stability
- Bubble level located at the top of the genset
- The tower is prepared for road transportation
- Draw bar with ball coupling
- Includes lifting hooks and bracket holders
- Rings for fixation during transport
- Wheels: 2 x 165R13
- Extensible and tilting mast



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FEATURES

MULTILINGUAL CONTROL PANEL

- Single-phase voltage
- Current (A)
- Frequency (Hz)
- Active, apparent power (kW, kVA)
- Oil pressure and water temperature (kPa, °C)
- Battery voltage, battery charging alternator voltage (V)
- Engine Speed (rpm)

ENGINE ALARMS

- High coolant temperature
- Low oil pressure
- Battery charge alternator failure
- Start failure
- Low water level
- Overspeed
- Underspeed
- Low battery voltage
- High coolant temperature (analogue)
- Low oil pressure (analogue)
- Low fuel level
- Unexpected shutdown
- Stop failure
- Emergency stop



GENERATOR ALARMS

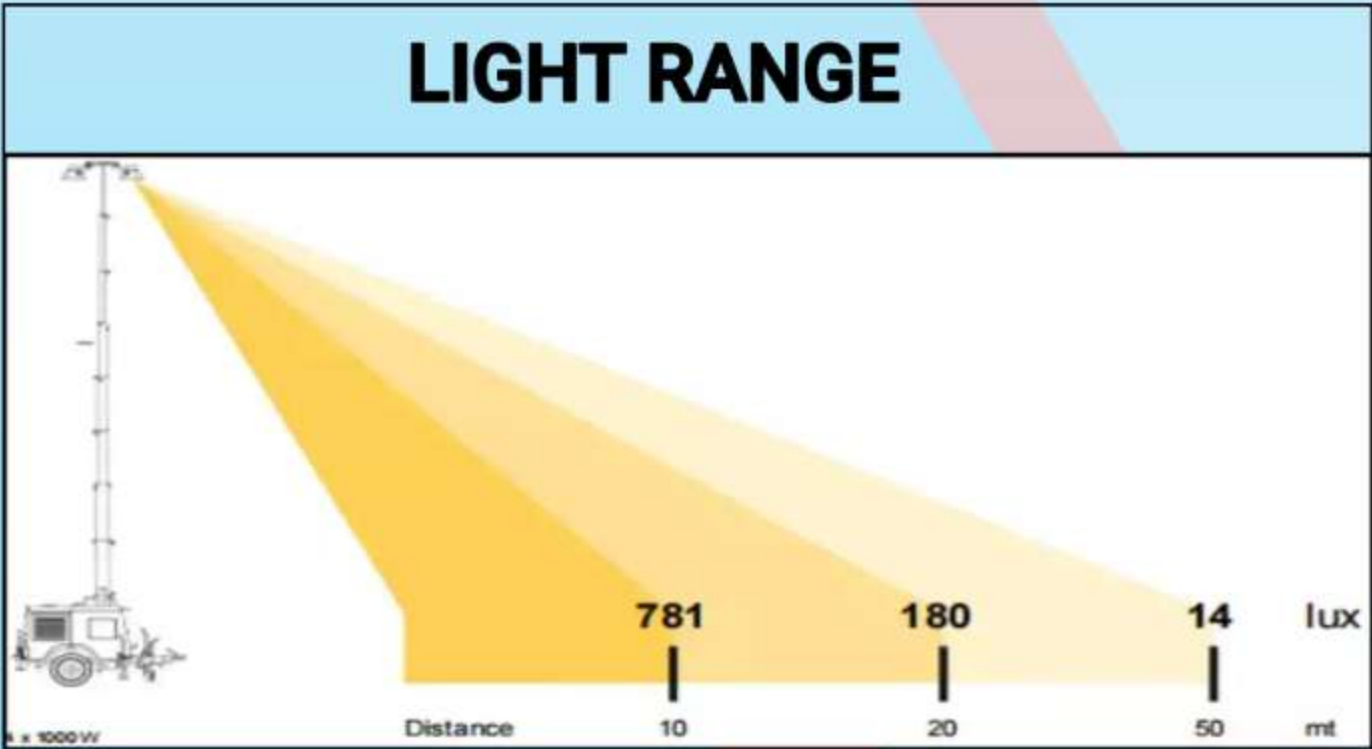
- | | |
|------------------|-------------------|
| · Overload | · Under-frequency |
| · Over-voltage | · Over-current |
| · Under-voltage | · Inverse power |
| · Over-frequency | · Emergency stop |

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HERCULES SERIES HLT-4006-HLD DIMENSION

DIMENSION		
Maximum dimensions (in working mode)	(L x W x H)	3162 x 2781 x 9068
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DIMENSIONS CORRESPOND TO THE TOWERS MOUNTED WITH FLOODLIGHTS		



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