

designed and created for your needs

Designed to provide
an exceptional level
of performance
for every work on site
ensuring the right
balance between power
and ease of use

X-SOLAR
HYBRID
4x100W LED - 8,5M

T-ZERO^{PRO}



LED TECHNOLOGY

3000 sqm
Illuminated area

all-in **ONE** solution

- battery
- integrated solar panel
- stage 5 generator

1 x 350W
extendable solar panels

more sustainable
and environmentally
friendly future

REDUCE COSTS
SAVE MONEY



RUNNING TIME
from battery
70 H



REDUCTION
noise (••)
smell (••)



APPLICATIONS



Constructions



Mining operation



Events



Military applications

FEATURES

- ✓ Multi-directionally adjustable and tiltable floodlights
- ✓ 7 sections vertical tower 8,5 m, 340° rotatable
- ✓ Galvanized metalworks
- ✓ 80 µm powder coating
- ✓ Transversal forklift pockets for effective handling
- ✓ Plug & play, colour coded cables and connectors
- ✓ Guided main coiled cable to avoid damage during tower operation
- ✓ Certified wind stability up to 110 km/h
- ✓ 4 height adjustable stabilizers + front jockey wheel
- ✓ On board levels for guidance during stabilization
- ✓ **Running time before refill 3000 hours**
- ✓ 24 Volt DC Battery
- ✓ **Recharging in 18 hours**
- ✓ 230V 1PH built-in battery charger



4 units per truck

Safe packaging and loading
allowing quick unloading



easy handling & transportability



Dimensions & weight

Dimensions min (mm)	3800x1656x2694 (LxWxH)
Dimensions max (mm)	3800x2730x8500 (LxWxH)
Total weight (kg)	1890

Floodlights

Type	Led
Power (each)	100W
Floodlights number	4
IP level	65
Illuminated area (sqm)	3000

Mast

Lifting method	Hydraulic
Max Height	8,5 m
Max Wind Speed	110 km/h
Options lifting method	manual
Rotation	340°

Batteries Pack

Type	AGM
Batteries number	8
Power Battery pack	24 Vdc 800 Ah
Expected battery cycle	500
Recharging	18 h

Hybrid mode

Running time from battery	70 h
Running time before refill	3000 h
Engine battery	12V - 62 Ah
Hybrid mode consumption	0,11 l/h
Full tank capacity (l)	300

Solar panel

Power	1x350 W
Solar panel deployment	Manual
Solar charge control	MPPT 75 V - 15 V

Generator

Model	Linz Alumen SB
Rated Output	3.5 kVA
Rated Voltage	230 V
Rated frequency	50 Hz

Engine

Type	Kubota Z482*
Governor	Electronic
Number of cylinder	2
Displacement	479 cm ³
Engine speed	1500 rpm
Fuel consumption (l/h)	0,55
Noise level at 7 mt	0-65
Cooling system	liquid

* May vary based on stock availability. However, Yanmar primary equivalent brand eventually will be used



TRIME®

Sales Dept. +39 0382 406 252 - www.trime.it - info@trime.it

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