

V20 HYBRID LIGHT TOWER

V20 HYBRID

The V20 Hybrid is equipped with a hybrid powering system composed by an high efficiency lithium battery pack and a diesel backup generator. Thanks to this new technology, this model has a long running time with heavy reduction of fuel consumption and carbon emission.



V20 Hybrid 4x150W



GTL03 DIGITAL CONTROLLER

A digital controller specifically studied to manage every function of the hybrid light tower for the best ease of use.



GENERAC® LED LAMPS

4x300W or 4x150W high efficiency LED floodlights designed by Generac Mobile®

V20 Hybrid 4x300W

TECHNICAL DATA

		V20 Hybrid 4x150W	V20 Hybrid 4x300W
Minimum dimensions (mm)	Length x Width x Height	2200 x 1400 x 2440	2200 x 1400 x 2440
Maximum dimensions (mm)	Length x Width x Height	2200 x 1850 x 8500	2200 x 1850 x 8500
Dry weight (kg)		1050	1060
Lifting system	M:Manual / H:Hydraulic	H	H
Mast rotation (°)		340	340
Max. lamps power (W)		4 x 150	4 x 300
Lamps type	MH: MetalHalide / LD: LED	LD	LD
Max. total lumen (Lm)	@100% dimming	76500	153000
Max. illuminated area (m ²)	@100% dimming	2500	4200
Engine		Yanmar L100N	Yanmar L100N
Engine cooling	L: Liquid / A: Air	A	A
Cylinders (q.ty)		1	1
Engine speed	50 Hz	2200	2200
Liquid containment tank (110%)	√:Yes / •:No	√	√
Alternator	kVA/V/Hz	5/220/50	5/220/50
Battery recharging time (h)	@100% dimming	1h 32'	1h 49'
Battery running time (h)	@100% dimming	9h 06'	4h 30'
Inlet plug	A/V/Hz	16/220/50	16/220/50
Avg. sound pressure	db(A) @ 7m	0 - 66	0 - 66
Wind speed resistance (km/h)		110	110
Tank capacity (liters)		85	85
Total running time	@100% dimming	339	234

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BATTERY PACK

The V20 Hybrid provides up to 9 hours of continuous operation without carbon dioxide emissions, fuel consumption nor noise, thanks to the battery pack. The special lithium batteries are able to be recharged in less than 2 hours. The batteries can be recharged from either an external power source or from the built-in backup generator.

BACKUP GENERATOR

When the V20 Hybrid has utilized all of the stored energy from the battery pack, the diesel generator will automatically start, providing all the energy required to power the lamps and at the same time recharging the battery pack. When the battery pack is fully recharged, the generator will automatically turn off.

LOW NOISE AND CARBON DIOXIDE EMISSION!

When the V20 Hybrid is powered through the battery pack, it is completely silent and doesn't emit carbon dioxide (CO₂). An ideal solution for events and working areas with low noise or CO₂ emission requirements.

AUTO START/STOP

Fitted as standard, the Darkness sensor with Digital timer allow the automatic start and stop of the machine offering great control energy savings.

THE LONGEST RUNNING TIME!

Thanks to the hybrid features and the LED lamps, this model can run more than 330 hours without refueling.



OPTIONS AVAILABLE

- Low speed site-tow trailer (standard)
- Road trailer type A (straight)
- Road trailer type B (foldable)
- Road trailer type C (adjustable)
- Road trailer type D (straight)
- Ball hitch type 50 mm
- Eyelet hitch type 50 mm
- French hitch type 68 mm for road trailer type C
- Documents for EU road registration
- Additional spare tyre with support
- AMOSS kit
- Earth picket with 5m cable
- Pre-heating system
- Plastic box for documents
- Dedicated colour
- Shut-off valve
- Certified spark arrestor
- Hot-dip zinc coating of mast sections
- Insulation monitoring device
- Remote controller (telemetric)
- Remote emergency stop controller