

MGTP 20000TH LITHIUM 3P

T-ZERO^{PRO}
POWER & INNOVATION

Water Cooled

DIESEL

Three phase

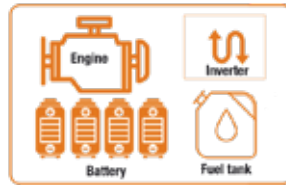
YANMAR

1500 rpm

LWA
2000/14/CE

Noise level in compliance with directive 2000/14/CE

**STAGE 5
CERTIFIED**



HYBRID TECHNOLOGY



MGTP 20000 TH LITHIUM 3P

Code RP335-20TS0

Features

Outlet socket	2 x 32A - 400V
Outlet socket	2 X 63A - 400V
Inlet plug	63A - 400V
Inverter	3 x 48V/8000VA
Battery charger	kW 11.5

Alternator

Model	Linz PRO 18M E/4
Rated output	kVA 20
Frequency	Hz 50
Voltage	V 400
Insulation class	H
Degree of Protection	IP23

Engine

Model	4TNV88
Fuel	Diesel
Engine speed	rpm 1500
Noise level at 7mt	dBA 65
Emissions regulations	STAGE 5

Consumption only engine mode

Tank capacity	lt. 250
Fuel consumption	4l/h – 62,5 hrs

Lithium batteries

Battery	25,6V-280Ah
Batteries number	4
Battery Pack	51,2 VDC-28,7kWh
Expected battery cycle	2500 – 80% DOD

Dimensions & weight

Dimension	mm 2441 x 1131 x 1920
Total weight	Kg 1710

ON BOARD CONTROL PANEL EQUIPPED WITH:

DSE 7310 / COMAP MRS16	Fuel level monitor
ON/OFF switch	Emergency stop
Earth leakage circuit breaker	

DISTRIBUTION PANEL:

2x32A-400V + 2x63A-400V outlet socket
1x63A-400V inlet plug
1x32A RVS inlet plug for additional solar panels

STANDARD FEATURES:

Main circuit breaker	Spark arrestor
Earth leakage relay	Lockable control panel
Emergency stop	Digital tank float
Built in fuel tank	4G LTE Router
MG Master safety and control unit for the battery system	Cerbo GX Touch 50 monitoring display controller c/w Cerbo GX communication-centre
Sides Forklift pockets	4G Puck MIMO Omni Antenna
Exhaust gas silencer	Bunded tank

Soundproof canopy

Continuous inverter output power

19.2 kW

Overload (0,5 sec)

48000 VA

Running Time with Constant Load from batteries:

5000 W	4.6 h
10000 W	2.3 h
15000 W	1.5 h

Recharging time - Power requested

2.8 h	15.4 kW
Max Loading during recharging time	0.6 kW