

HYBRID LINE

HYBRID TECHNOLOGY 1500 RPM

**MGTP 42000TH
LITHIUM 3P**

T-ZERO PRO
POWER & INNOVATION



Water Cooled

DIESEL

Three phase

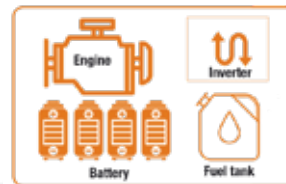
KOHLER

1500 rpm

LWA
2000/14/CE

Noise level in compliance with directive 2000/14/CE

**STAGE 5
CERTIFIED**



HYBRID TECHNOLOGY

MGTP 42000 TH LITHIUM 3P

Code	RP337-42TS0	
Features		
Outlet socket	2 x 32A - 400 V	
Outlet socket	2 x 63A - 400 V	
Inlet plug	63A - 400 V	
Inverter	3 x 48V/10000VA	
Battery charger	kW	20.2
Alternator		
Model	Stamford – S1L2 K1	
Rated output	Kva	42
Frequency	Hz	50
Voltage	V	400
Insulation class	H	
Degree of Protection	IP23	
Engine KOHLER		
Model	KDI 2504TCR	
Fuel	Diesel	
Engine speed	rpm	1500
Noise level at 7mt	dba	65
Emissions regulations	STAGE 5	
Consumption only engine mode		
Tank capacity	lt.	700
Fuel consumption	8,3l/h – 84,3 hrs	
Lithium batteries		
Battery	25,6V - 280 Ah	
Batteries number	8	
Battery Pack	51,2 VDC-57,3kWh	
Expected battery cycle	2500 – 80% DOD	
Dimensions & weight		
Dimension	mm	3335 x 2210 x 2268
Total weight	kg	3150

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	Bunded tank
Earth leakage relay	Spark arrestor
Emergency stop	Lockable control panel
Built in fuel tank	Digital tank float
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 LTE Router
Exhaust gas silencer	4G Puck MIMO Omni Antenna
Soundproof canopy	Central lifting eye

Continuous inverter output power

24 kW

Overload (0,5 sec)

60000 VA

Running Time with Constant Load from batteries:

10000 W	4.6 h
15000 W	3.1 h
20000 W	2.3

Recharging time - Power requested

3.2 h	26.9 kW
Max Loading during recharging time	21.1 kW

ON BOARD CONTROL PANEL EQUIPPED WITH:

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