

HYBRID LINE

HYBRID TECHNOLOGY 3000 RPM

**MGTP 6000 TH
LITHIUM 1P**

T-ZERO^{PRO}
POWER & INNOVATION



Water Cooled

DIESEL

Single phase

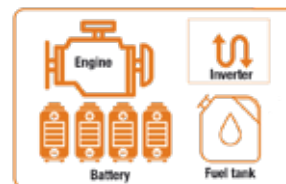
Kubota

3000 rpm

LWA
2000/14/CE


Noise level in compliance with directive 2000/14/CE

**STAGE 5
CERTIFIED**



HYBRID TECHNOLOGY

MGTP 6000 TH LITHIUM 1P

Code	RP32-6MS1	
Features		
Outlet socket	16A - 230V	
Outlet socket	32A - 230V	
Inlet plug	32A - 230V	
Inverter	1 x 48V/5000VA	
Battery charger	kW	1.4
Alternator		
Model	Sincro	
Rated output	kVA	4
Frequency	Hz	50
Voltage	V	230
Insulation class	H	
Degree of Protection	IP23	
Engine 		
Model	Z482	
Fuel	Diesel	
Engine speed	rpm	3000
Noise level at 7mt	dba	65
Emissions regulations	STAGE 5	
Consumption only engine mode		
Tank capacity	lt.	200
Fuel consumption - Running time	1,8l/h – 34,4 hrs	
Lithium batteries		
Battery	12,8V - 100Ah	
Batteries number	4	
Battery Pack	51,2VDC-5.1kWh	
Expected battery cycle	2500 – 80% DOD	
Dimensions & weight		
Dimension	mm	1700 x 1066 x 1450
Total weight	Kg	600

DISTRIBUTION PANEL:

1x32A-230V EEC inlet plug for battery charging

1x32A-230V EEC outlet socket

1x16A-230V EEC outlet socket

STANDARD FEATURES:

Automatic battery switch

Sound proof canopy

Exhaust gas silencer

Built in fuel tank

Bunded tank

Forklift pocket

Central lifting eye

Heavy bump stoppers

3 ways valve for external fuel tank connection

Continuous inverter output power

6kW

Overload (0,5 sec)

10000 VA

Running Time with Constant Load from batteries:

1000 W 4.1 h

2000 W 2.0 h

4000 W 1.0 h

Recharging time - Power requested

3.8 h 1.9 kW

Max Loading during recharging time 1.1 kW

ON BOARD CONTROL PANEL EQUIPPED WITH:

DSE 3110	Fuel level monitor
ON/OFF switch	Fuel reserve signal lamp
Earth leakage circuit breaker	Battery level indicator
Circuit breaker	Voltage indicator
Emergency stop	