

Water Cooled

DIESEL

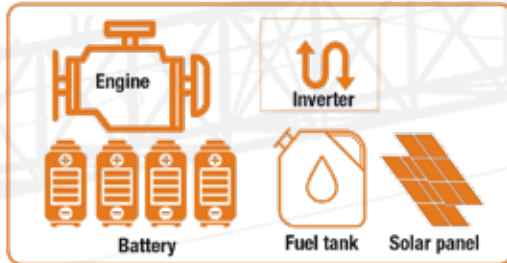
Three phase



1500 rpm



Noise level in compliance with directive 2000/14/CE



HYBRID SOLAR TECHNOLOGY

MGTP 42000 TH SOLAR	
Code	RP274-42TS0
Features	
Outlet socket	32A 400 V
Outlet socket	63A 400 V
Inlet plug	63A 400 V
Alternator	
Model	LINZ PRO18M E/4
Rated output	Kva 42
Frequency	Hz 50
Voltage	V 400
Insulation class	H
Degree of Protection	IP23
Engine	
Model	FPT N45 SM1F
Fuel	Diesel
Engine speed	rpm 1500
Tank capacity	lt. 400
Fuel consumption	l/h 13
Running time	hrs 31
Noise level at 7mt	dBa 65
Batteries	
Type	Lithium
Batteries number	6 x 25,6V 280Ah
Batteries Pack	51,2 VDC 840Ah
Expected battery cycle	2500 – 80% DOD
Solar Panel	
Power	W 2 x 360
Type	monocrystalline victron
Solar Panel deployment	electrical
Dimensions & weight	
Dimension	mm 2935 x 2235 x 2158
Total weight	Kg 3200

ON BOARD CONTROL PANEL EQUIPPED WITH:

DSE 7310	Fuel level monitor
ON/OFF switch	solar panel control buttons up/down
Earth leakage circuit breaker	Emergency stop

Options

Site tow trailer Road tow trailer

MGTP 42000 TH SOLAR LITHIUM



DISTRIBUTION PANEL:

2 x 32A 400 V Output socket
2 x 63A 400 V Output socket
1 x 63A 400 V Inlet plug

STANDARD FEATURES:

6 x 280 ah LITHIUM batteries	Central lifting eye
Main circuit breaker	Spark arrestor
Earth leakage relay	Lockable control panel
Emergency stop	Digital tank float
Built in fuel tank	Cerbo GX Touch 50 monitoring display controller c/w Cerbo GX communication-centre
Bunded tank	4G LTE Router
12V Battery	4G Puck MIMO Omni Antenna
Sides Forklift pockets	Victron Smart Solar MPPT 10/20 48V
Exhaust gas silencer	MG Master LV 24-48/400A safety and control unit for the battery system
Soundproof canopy	3 x Victron Quattro 48/5000/70-100/100 230V Ve Bus

Running Time with Constant Load from batteries:

3000W	10 hrs
6000W	5 hrs
14000W	2 hrs

Charging time

Time	hrs	4.5
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