HPS15 Specifications

HPS15	
Model	**HPS15**
Outlet socket	15A - 230V
	32A - 230V (Hardwire Box RCD Protected)
Inverter	1 x 48V/15KVA

Alternator	
Model	RFL Alternator RF4
Rated output	20kVA
Frequency	50Hz
Voltage	230V
Insulation class	H
Degree of Protection	IP23

Engine	
Model	Yanmar 3TNV88
Fuel	Diesel
Engine speed	1500rpm
Noise level at 7mt	66dBA

Consumption only engine mode	
Tank capacity	400l
Fuel consumption - @75% Load	2.65l

Lithium Batteries		
Battery Nominal Voltage	51.2V	
Battery Nominal Capacity	5120Wh	
Battery Type	LiFePO4 (LFP)	
Batter Manufacturer	FBTech	
Battery Number	4	
Battery Management System	Yes	
Operating Temperature	Charge	0℃ ~ 45℃
	Discharge	-10℃ ~ 55℃

Solar Panel	
Solar Array Maximum Output	4kW
Panel Size	500W
PV Type	Monocrystaline
Number of Panels	8

Makinex USA
2151 Heritage Pkwy   1855 625 4639
Mansfield TX 76063   **makinex.com**

Makinex Australia
15 Waltham Street   1300 795 953
Artarmon NSW 2064   **makinex.com.au**   MAKING INEFFICIENCIES EXTINCT

Dimensions & Weight	
DIMENSIONS (PACKED DOWN)	2500 x 1520 x 2530 mm LENGTH x WIDTH x HEIGHT APPROX
DIMENSIONS (DEPLOYED)	4490 x 4762 x 2211 mm LENGTH x WIDTH x HEIGHT APPROX
Dry Weight	2,000 kg

Control Panel Equipment / Features	
Schneider HMI	Gen Run Hours & Fuel level monitor Battery SOC monitor Solar Power Input Load output
ON/OFF switch	Fitted
Earth leakage detection	Fitted
Emergency stop	Fitted

Distribution Panel
2x 15A 1Ph 230V 3 Pin GPOs
1x 32A 1Ph 230V Hardwire Box Outlet (MEN link connected)

Standard Features
Generator backup for excess power needs and extended poor weather affecting solar generation
4G Telecommunications for complete remote programming, cloud monitoring and alarms
GPS tracking and cellular coverage
Customisable programs for generator run time/quiet time
Built in fuel tank
MPPT Solar charger model 150/85
Folding design for easy storage and transport
Durable Galvanised frame
Forklift pockets and tie-downs for transportation
Wind rating: 35 m/sec (126 km/h) in fully deployed position with outriggers engaged
IP54 fan filters, IP55 electrical cabinet

Makinex Renewables reserves the right to modify the technical specifications, items and design without notice. The images of the products are indicative for illustrative purposes only.

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