



# HPOD MINI

## M1-03 A



HPOD M1003

CHARACTERISTICS		UNIT	VALUE
Available power	Power available from module alone	kVA	1
	Max module power	kVA	2
	Amperage	A	4
	Apparent power	kW	0,8
Power supply sources	Max DC solar panel	kWc	0,6
	Max solar array voltage	Voc	50
	Max wind turbine power (DC source)	kW	0,6
	Max genset power (AC source)	kVA	3
	Max extraction power (AC source)	kVA	2
	AC supply voltage	V	230
	AC power supply frequency	Hz	45-65
Converter / charger	Output voltage	V	230
	Distribution		Single-phase P+E+N
	Peak power on battery supply	W	2000
	Continuous power on battery @ 25 °C	W/VA	800/1000
	Operating temperature	°C	from 0 to 55°C
	Inverter		Pure sine wave
	Load monitor IUOU		
	Earthing scheme		T-T
Battery storage bank	Max capacity	kWh	3
	Operating capacity DOD 70%	kWh	2,1
	Autonomy for 170W consumption (1)	hours	12
	Autonomy for 800W consumption (2)	hours	2,6
	AGM technology: sealed lead, maintenance free, deep discharge, flat plate electrodes		
	Busbar voltage	V	12
Operation	Digital control panel		YES
	IEC sockets for source AC 12V		YES
	Built-in MC4 socket for solar array		YES
	Communication port with GELEC ENERGY genset		YES
	Booster 12V		YES
	Protection of solar array by PV fuses		YES
	Charging on vehicle 12V		YES
Frame	Dimensions (subject to change)	mm	560x670x650
	Weight (approx.)	kg	95

[www.hybrid-offgrid.com](http://www.hybrid-offgrid.com)

(1) Autonomy based on an average consumption of 170W (without heater, air conditioner)

(2) Autonomy based on an average consumption of 800W (without high-power cooling or heating system).

**GELEC ENERGY reserves the right to change specifications without notice in a logic of improvement.**

Actualisée le 18/05/2016