

# Grid Battery GES7-P2

## BATTERY PACK SPECIFICATIONS

Total Energy Capacity:	7.2kWh
Accessible Energy Capacity:	7Kwh
Single Cell Voltage (Nominal):	3.2 V
Battery Cell Class:	A-New
Battery Chemistry:	LiFePo4
Battery Cells:	8
Single Cell Capacity:	280 Ah
Battery Cells Cycles:	8000
(70% Capacity Remaining)	

## BMS FEATURES

Access via Local WiFi
Remote Access via Internet
Cell Balancing
Temperature Monitoring
Android Application
Real-time Reporting
Cell Reporting
Control ON/OFF
State Of Charge LED Indicator
Push Button ON/OFF

## POWER MODULE SPECIFICATIONS

Model:	P2
AC Out Voltage:	230 V
AC Out Power (Discharging):	1.8 kW
AC In Voltage:	230 V
AC In Power (Charging):	1.8 kW
AC Frequency Range:	47-63 Hz
DC In Range:	23vdc-28vdc
AC - DC Conversion Efficiency:	93%
AC Synchronization Period:	2 seconds
Over Load:	105-115%

## ENVIRONMENTAL & MECHANICAL

Working Temperature:	0°C - 50°C
Storage Temperature:	-20°C - 60°C
Installation Environment:	Inside IP20
Dimensions:	L60cm*H26.5cm*W25cm
Noise Level:	40-55 dBA
Weight:	59 kg
Certification:	CE, EN/EN62368-1
Grid Standard:	50549-1

Values are based on 24°C ambient temperature and at 75% load.



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