

OFF GRID LX 45/80 LFP



FEATURES:

- Deep-cycle Li-Ion LFP battery module
- Advanced control with touch screen display
- GSM Remote monitoring
- Auto Full system bypass
- Auto remote call to generator



Output specifications

Output power (Continuous)	kVA	45
Output power peak (5s)	kW	75
Voltage	V	400/230
Frequency	Hz	50
Phases		3



Battery specifications

Battery (Type)		Li-Ion LFP
Battery rated Voltage	V	48
Battery design life (to 90% DoD)	cycles	6000
Battery Nominal capacity (sizes)	kWh	76.8
Usable energy AC side (@90% DoD)	kWh	66



General Description

Off Grid LX LFP is a universal Battery Energy Storage system (BESS) ideally suited to a range of applications, delivering reliable power in the most cost effective and environmentally sensitive way. Energy stored within the unit is converted electronically into AC power. Power can be derived from connection to an external grid supply, from a diesel generator or solar PV. Energy is automatically managed from any or all of these energy sources to ensure the most efficient, lowest maintenance and best environmental impact is achieved. Remote communication ensures real time monitoring and maintenance can be effected from any location in the world.



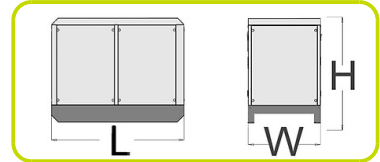
Input specifications

System pass-through capacity	A	100
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Installation data

Length	(L) mm	2240
Width	(W) mm	1160
Height	(H) mm	2018
Weight	kg	2000
Discharging temperature range	°C	-10...45
Charging temperature range	°C	0...45

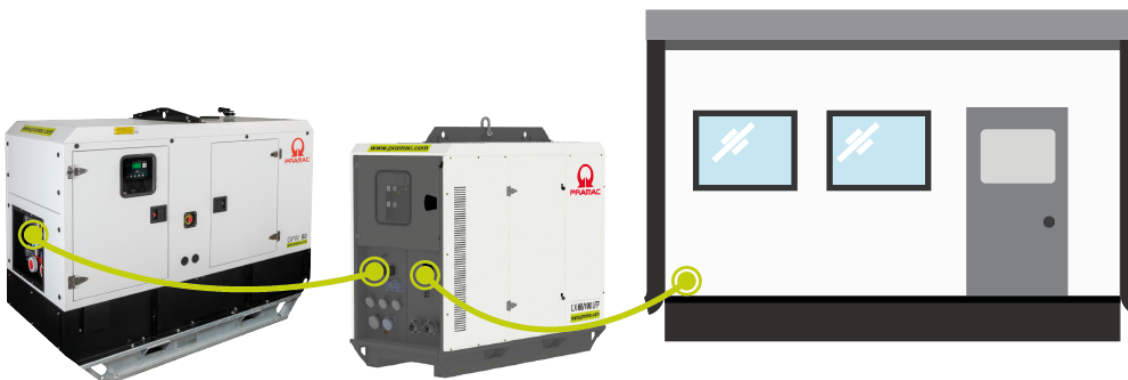


Instruments, controls & connections

Inverter protection Short Circuit	✓
Inverter protection Overload	✓
Inverter protection Over Temperature	✓
Inverter protection Low Battery	✓
System status control panel	✓
Battery condition	✓
GSM Remote monitoring	✓
Automatic generator auto-start signal	✓
Input 125A 400/230V IEC 60309 3ph	2
Output Protection RCBO / RCD	✓
Output 16A 230V IEC 60309 1ph	1
Output 32A 230V IEC 60309 1ph	1
Output 32A 400/230v IEC 60309 3ph	1
Output 63A 400/230v IEC 60309 3ph	1
Output 125A 400/230v IEC 60309 3ph	1



BATTERY STORAGE DEPLOYED WITH GENERATOR TO SUPPLY SITE WELFARE UNIT



Optional features

1x Solar PV charge controller (4.9 kW)	MPPT
EV Charge Point	EVC
Powerlock connection distribution	PWL
Custom colors	DCCX
2x Solar PV charge controller (9.8 kW)	MPPT2
4x Solar PV charge controller (19.6 kW)	MPPT4
Cold Weather Kit	CWK

