

OFF GRID LX 45/90



FEATURES:

- Deep cycle maintenance free OPzV-S battery
- Advanced EMS with touch screen control
- 100A pass-through capacity
- GSM Remote monitoring
- Full system DC isolator with pre-charge
- V50 Power™ for enhanced DC bus stability
- Auto Full system bypass
- Single to three phase conversion



Output specifications

Output power (Continuous)	kVA	45
Output power peak (5s)	kW	90
Voltage	V	400/230
Frequency	Hz	50
Phases		3



Battery specifications

Battery (Type)		Gel lead acid OPzV-S
Battery design life (to 80% DoD)	cycles	2000
Battery Nominal capacity (sizes)	kWh	90
Usable energy (@80% DoD)	kWh	72



General Description

Off Grid LX is a universal Battery Energy Storage system (BES) 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 mains power. Power can be derived from integrated solar PV, connection to an external grid supply or from a diesel generator or wind turbine. 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

Maximum input Three Phases 400V	A	125
Maximum input Single Phase 230V	A	125
System pass-through capacity	A	100

Installation data

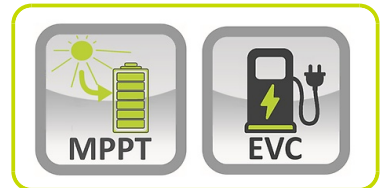
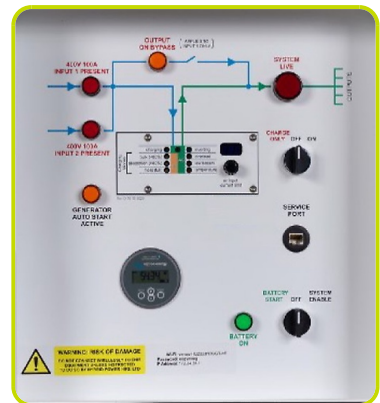
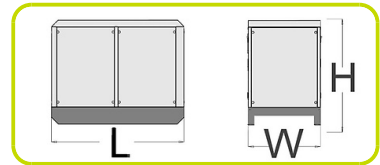
Length	(L) mm	2012
Width	(W) mm	1183
Height	(H) mm	2012
Weight	kg	3995
Protection rating	IP	34
Operating temperature range (charging suspended below 0°C)	°C	-20...55

Instruments, controls & connections

System status control panel	✓
Battery condition	✓
Battery main isolator	✓
GSM Remote monitoring	✓
Automatic generator auto-start signal	✓
Input MCB's	✓
Input 125A 400/230V IEC 60309 3ph	2
Input connection	IEC 60309 or hardwire stud
Output MCB's	✓
Output 32A 230V IEC 60309 1ph	1
Output 32A 400/230v IEC 60309 3ph	2
Output 63A 400/230v IEC 60309 3ph	1
Output 125A 400/230v IEC 60309 3ph	1
Output connection AC	400V 3Phase IEC 60309 or hardwire stud

Optional features

Solar PV charge controller	MPPT
EV Charge Point	EVC
Custom sockets distribution	CS
Custom colors	DCCX



BATTERY STORAGE DEPLOYED WITH GENERATOR TO SUPPLY SITE WELFARE UNIT



The information is aligned with the Data file at the time of download. Printed on 24/05/2022 (ID 16612)

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