OFF GRID LX 45/90



FEATURES:

- Deep cycle maintenance free OPzV-S battery
- Advanced EMS with touch screen control
- GSM Remote monitoring
- Full system DC isolator with pre-charge
- 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 rated Voltage	V	50
Battery design life (to 80% DoD)	cycles	2000
Battery Nominal capacity (sizes)	kWh	90
Usable energy AC side (@80% DoD)	kWh	72



General Description

Off Grid LX 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 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.

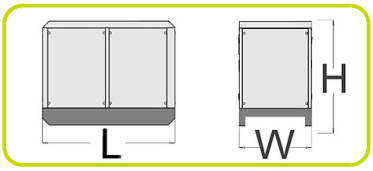


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Input specifications		
Maximum input Three Phases socket 400V	A	125
Maximum input Single Phase socket 230V	A	125
System pass-through capacity	A	100

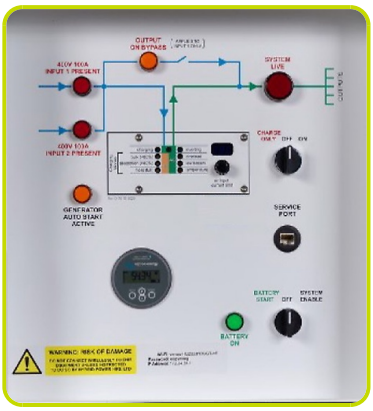


Installation data		
Length	(L) mm	2012
Width	(W) mm	1183
Height	(H) mm	2012
Weight	kg	3995
Protection rating	IP	34



Performance		
Operating temperature range	°C	-20…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	√
Battery main isolator	√
Remote monitoring device	√
Automatic generator auto-start signal	√
Input 125A 400/230V IEC 60309 3ph	2
Input connection	IEC 60309 or hardwire stud
Output Protection RCBO / RCD	√
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

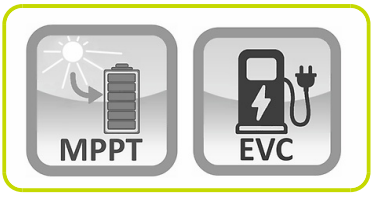


BATTERY STORAGE DEPLOYED WITH GENERATOR TO SUPPLY SITE WELFARE UNIT



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



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The information is aligned with the Data file at the time of download. Printed on 29/02/2024 (ID 16612)

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