

OFF GRID LX 45/80 LFP



FEATURES:

GSM Remote monitoring : Real-time tracking for increased reliability and performance

Single to three phase conversion : Flexibility to meet different site power requirements.

Automatic generator auto-start : The battery controls the start and stop of the generator based on the parameters specified by the site team.

Cloud Based Solutions : Easy and Dynamic dashboards for evaluating the performances



Reports : Diesel & Carbon Footprint savings report for tracking the environmental goals

Advanced control with touchscreen display : User-friendly interface for easy monitoring and control of the system with a modern touchscreen panel.

Deep-cycle Li-Ion LFP battery module : A long-lasting lithium-ion phosphate battery that offers efficient energy storage and extended life cycles, ideal for demanding power needs

Solar PV charge controller 4.9 KW : Regulates and optimizes the energy flow from solar panels to batteries, ensuring efficient energy storage and protection against overcharging.

Output Specifications

| | | |
|-----------------------------------|-----|---------|
| Nominal Output power (continuous) | KVA | 45 |
| Peak Output power (5s) | KW | 75 |
| Voltage | V | 400/230 |
| Frequency | HZ | 50 |
| Phase (s) | | 3 |
| Usable energy AC side (@80% DoD) | KWh | 66 |
| Battery Nominal capacity (sizes) | KWh | 76.8 |



Battery specifications

| | | |
|-----------------------|------------|----|
| Battery (Type) | Li-Ion LFP | |
| Battery rated Voltage | VDC | 48 |



Output Power Connection

| | |
|-------------|---|
| 125A 3P+N+E | 1 |
| 63A 3P+N+E | 1 |
| 32A 1P+N+E | 3 |

