

# LX 60/100 LFP



## Key Features

- Three Phase Output
- User-friendly control and operator interface
- GSM Remote monitoring
- Easy servicing
- Easy handling
- Simple and fast commissioning



## Output Specifications

|                                   |     |      |
|-----------------------------------|-----|------|
| Nominal Output power (continuous) | kVA | 60   |
| Peak Output power (5s)            | kW  | 120  |
| Rated voltage (single phase)      | V   | 230  |
| Rated voltage (three phase)       | V   | 400  |
| Frequency                         | Hz  | 50   |
| Phase (s)                         |     | 3    |
| Nominal energy capacity           | kWh | 96.0 |
| Reference ambient temperature     | °C  | 25   |



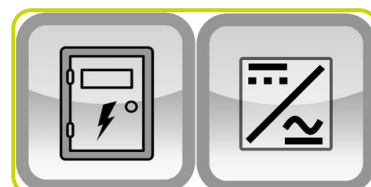
## System data

|                              |       |           |
|------------------------------|-------|-----------|
| System pass-through capacity | A     | 125       |
| Operating temperature range  | °C    | -10.. +50 |
| Degree of protection         | IP    | 44        |
| Sound Power (LWA)            | dB(A) | 76        |
| Noise pressure @1m (LpA)     | dB(A) | 58        |



## Inverter

|                      |     |      |
|----------------------|-----|------|
| Quantity             | n.  | 6    |
| Rated apparent power | kVA | 10   |
| Power factor / Range |     | ±0.8 |



### Battery specifications

|                               |        |            |
|-------------------------------|--------|------------|
| Battery modules quantity      | n.     | 20         |
| Battery (Type)                |        | Li-Ion LFP |
| Module capacity               | kWh    | 4.8        |
| Battery rated Voltage         | VDC    | 48         |
| Depth of Discharge (DoD)      | %      | 90         |
| Battery design life           | cycles | 6000       |
| Usable energy @ DoD / AC side | kWh    | 82.9       |
| Total batteries weight        | kg     | 800        |



### 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 Power Connection

|                       |   |
|-----------------------|---|
| 125A CEE 3P+N+T -GRID | 1 |
| 125A CEE 3P+N+T-DG    | 1 |

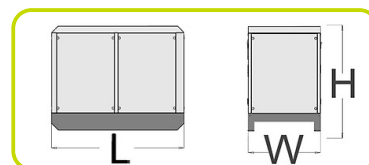


### Output Power Connection

|                               |   |
|-------------------------------|---|
| 16A CEE 2P+T                  | 1 |
| 32A CEE 3P+N+T                | 1 |
| 63A CEE 3P+N+T                | 1 |
| 125A CEE 3P+N+T               | 1 |
| Individual RCD 1phase sockets | ✓ |
| Common RCD for 3phase sockets | ✓ |

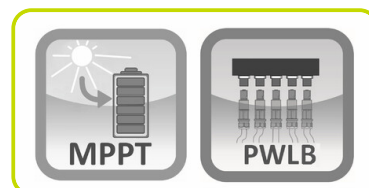
### Overall Dimensions

|        |        |      |
|--------|--------|------|
| Length | (L) mm | 2240 |
| Width  | (W) mm | 1160 |
| Height | (H) mm | 2118 |
| Weight | kg     | 2250 |



### Optional

|  |       |
|--|-------|
| 1xSolar Charge Controller 5.8kW 250V   | MPPT  |
| 2x Solar Charge Controller 11.6KW 250V | MPPT2 |
| 4xSolar Charge Controller 23.2KW 250V  | MPPT4 |
| Cold Weather Kit                       | CWK   |
| Passthrough 200A                       | P200  |
| Powerlock connection                   | PWI R |



The information is aligned with the Data file at the time of download.  
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