# SX PLUS 10/40 LFP




**Key Features**

- Single Phase Output
- User-friendly control and operator interface
- GSM Remote monitoring
- Stackable (up to 2 units)
- Easy handling
- Simple and fast commissioning



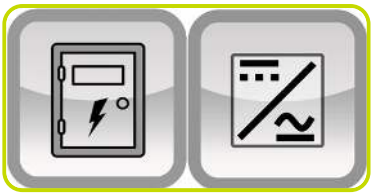
| Output Specifications | | |
|---|---|---|
| Nominal Output power (continuous) | kVA | 10 |
| Peak Output power (5s) | kW | 20 |
| Rated voltage (single phase) | V | 230 |
| Frequency | Hz | 50 |
| Phase (s) | | 1 |
| Nominal energy capacity | kWh | 38.4 |
| Reference ambient temperature | °C | 25 |




| System data | | |
|---|---|---|
| System pass-through capacity | A | 80 |
| Operating temperature range | °C | -10.. +50 |
| Degree of protection | IP | 44 |
| Noise pressure @1m (LpA) | dB(A) | 56.7 |



| Inverter | | |
|---|---|---|
| Quantity | n. | 1 |
| Rated apparent power | kVA | 10 |
| Power factor / Range | | ±0.8 |

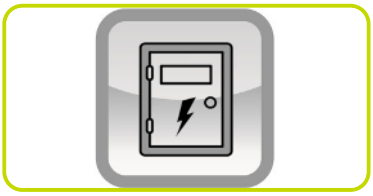


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| Battery specifications | | |
|---|---|---|
| Battery modules quantity | n. | 8 |
| Battery (Type) | | Li-Ion LFP |
| Module capacity | kWh | 4.8 |
| Battery rated Voltage | VDC | 48 |
| Depth of Discharge (DoD) | % | 90 |
| Battery design life | cycles | 6000 |
| Usable energy @ DoD / AC side | kWh | 33.2 |
| Total batteries weight | kg | 320 |



| 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**

| | |
|---|---|
| 16A CEE 2P+T - GRID | 1 |
| 32A CEE 2P+T - DG | 1 |

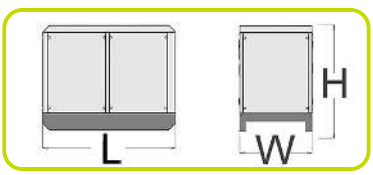


**Output Power Connection**

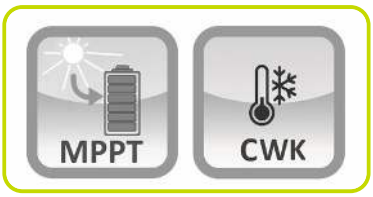
| | |
|---|---|
| 16A Schuko | 1 |
| 16A CEE 2P+T | 2 |
| 32A CEE 2P+T | 1 |
| Individual RCD 1phase sockets | √ |



| Overall Dimensions | | |
|---|---|---|
| Length | (L) mm | 1077 |
| Width | (W) mm | 1105 |
| Height | (H) mm | 1130 |
| Weight | kg | 670 |




| Optional | |
|---|---|
| 1xSolar Charge Controller 5.8kW 250V | MPPT |
| Cold Weather Kit | CWK |




The information is aligned with the Data file at the time of download.
Printed on 25/02/2026 (ID 195269)

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