Elink Technology

# AP B Series

Module design for quick installation
Advanced inverter with pure sine wave
Multi-protection from self developed BMS
Brand new battery for 6000 times cycle life

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**Inverter**

| Model | ELKJN-SCAPB51100 | ELKJN-SCAPB51200 | ELKJN-SCAPB51300 | ELKJN-SCAPB51400 |
|---|---|---|---|---|
| Rated Power | 5KW | | | |
| AC Rated Voltage | 230VAC | | | |
| Rated Frequency | 50Hz | | | |
| Efficiency | >94% | | | |
| Transfer Time | 10ms | | | |
| Waveform | Pure sinusoidal wave | | | |
| Battery Overvoltage | 58.4V | | | |
| Battery Undervoltage Alarm | 45V | | | |
| Constant Voltage Charge | 58.4V | | | |
| Float Voltage | 56V | | | |
| Max Charging Current | 100A | | | |
| Communication Interface | RS232 (Inverter)/RS485 (BMS) | | | |
| Dimension | 60*18.3*36.5CM | | | |

**AC Input**

| | |
|---|---|
| Nominal Voltage | 230VAC |
| Voltage Range | 90-280VAC |
| Rated Frequency | 50Hz |
| Frequency Range | 40-70Hz |
| Rated Current | 30A |
| Max AC Current | 60A |

**PV Input**

| | |
|---|---|
| Max Voltage | 500V |
| Optimum Voltage | 300--400V |
| Voltage Range | 120V--500VDC |
| Max Power | 5500W |

**Battery**

| Rated Capacity | 5120Wh(100Ah) | 10240Wh(200Ah) | 15360Wh(300Ah) | 20480Wh(400Ah) |
|---|---|---|---|---|
| Nominal Voltage | 51.2V | | | |
| Discharge Voltage Range | 43.2V-58.4V | | | |
| Standard Charing Current | 50A | | | |
| Max Charging Current | 100A | | | |
| Max Discharging Current | 100A | | | |
| Depth of Discharge | 90% | | | |
| Communication Interface | CAN/RS485 | | | |
| Cycle Life | ≥6000, 25±2℃, 0.5C, EOL80% | | | |
| Working Temperature Range | Charge: 0℃ -50℃; Discharge: -10℃ -60℃ | | | |
| Storage Temperature | -20℃ -60℃ | | | |
| Dimension | 60*18.3*39CM | | | |

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