

CM-N Series [PV30-500Vdc]

1.5 / 2.5/3.5KW 220V / 230Vac Output

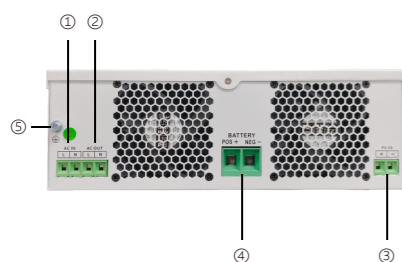
Features



- Inverter Wake-up Function
- Pure Sine Wave
- PV Input 500Vdc Max
- Built-in MPPT 60A-100A
- Detachable dust cover for harsh environment
- Wifi remote monitoring optional
- Support multiple output priority: UTL,SOL,SBU,SUB
- EQ function to optimize battery performance and extend lifecycle

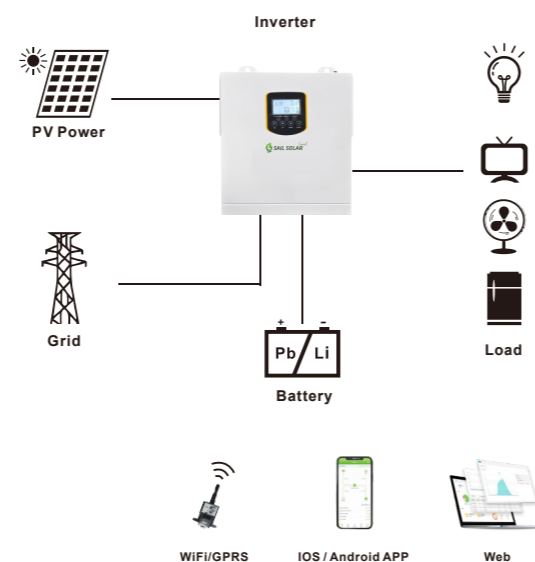


Bottom view



1. AC input
2. AC output
3. PV input
4. Battery input
5. Grounding

System Diagram



Technical Data

| MODEL | SAS1500-12N | SAS1500-24N | SAS2500-24N | SAS3500-24N |
|---------------------------------------|---|---------------|--------------|--------------|
| Capacity | 1500V A/1500W | 1500V A/1500W | 2500VA/2500W | 3500VA/3500W |
| Parallel Capability | NO | NO | NO | NO |
| Lithium Battery Activation | NO | NO | NO | NO |
| Lithium battery Communication | NO | NO | NO | NO |
| Inverter Wake-up Function | YES | YES | YES | YES |
| INPUT | | | | |
| Nominal Voltage | 230VAC | | | |
| Acceptable Voltage Range | 170-280V AC(For personal Computer);90-280VAC(For Home Appliances) | | | |
| Frequency | 50/60 Hz (Auto sensing) | | | |
| OUTPUT | | | | |
| Nominal Voltage | 220/230VAC±5% | | | |
| Surge Power | 3000VA | 3000VA | 5000VA | 7000VA |
| Frequency | 50/60 Hz | | | |
| Waveform | Pure Sine wave | | | |
| Transfer Time | 10ms(For personal Computer);20ms(For Home Appliances) | | | |
| Peak Efficiency (PV to INV) | 96% | | | |
| Peak Efficiency (Battery to INV) | 93% | | | |
| Overload Protection | 5s@>=140% load;10s@100%~140% load | | | |
| Crest Factor | 3:1 | | | |
| Admissible Power Factor | 0.6~1 (inductive or capacitive) | | | |
| BATTERY | | | | |
| Battery Voltage | 12V dc | | 24Vdc | |
| Floating Charge Voltage | 13.5V dc | | 27V dc | |
| OverCharge Protection | 16.5V dc | | 32V dc | |
| Charging Method | CC/CV | | | |
| SOLAR CHARGER & AC CHARGER | | | | |
| Solar Charger TYPE | MPPT | | | |
| Max.PV Array Power | 2000W | 2000W | 3000W | 4000W |
| Max. PV Array Open Circuit Voltage | 500VDC | | | |
| PV Array MPPT Voltage Range | 30VDC~ 500VDC | | | |
| Max. Solar Input Current | 15 A | | | |
| Max. Solar Charge Current | 100A | 60A | 100A | 100A |
| Max. AC Charge Current | 60A | 60A | 60A | 60A |
| Max. Charge Current(AC+PV) | 100A | 60A | 100A | 100A |
| PHYSICAL | | | | |
| Dimensions, D x W x H(mm) | 330*278 *98 | | | |
| Package Dimensions, D x W x H(mm) | 400*365 *174 | | | |
| Net Weight (Kgs) | 3.8 | 3.8 | 3.95 | 3.95 |
| Communication Interface | RJ45 For WiFi | | | |
| ENVIRONMENT | | | | |
| Operating Temperature Range | -10°C to 55°C | | | |
| Storage temperature | -15°C~ 60°C | | | |
| Humidity | 5% to 95% Relative Humidity (Non-condensing) | | | |

Product specifications are subject to change without further notice.