

Load-shedding, No worry

Sungrow Residential Solution

SH6.0RS

SBR064/096/128/160/192



Energy independent

Fast charge

1.6h fast charge from 0% to 100% for a 9.6kWh battery.

Seamless switch

10ms seamless switch without influencing the operation of the appliance.

0 accident

Fire threat resistance

Protect property from fire through rapid shutdown when system errors occur.

Lightning resistance

Type II DC & AC SPD. Handle the lightning weather easily.

Easy installation

Plug & Play

Increase installation efficiency with standardized plugs.

Less-wire design

Modular battery with less wire for easy installation.

Excellent service

48h reaction











Local service team with nationwide coverage to provide instant service.

10-year warranty

Full system 10-year warranty with both inverter and battery.

Sungrow Residential Solution

World's No.1 PV inverter shipments

| AREA | SOLUTION | APPLIANCES |
|--|---|--|
| <p><70m² Apartment 6kW + 6.4kWh Cover stage 6</p> |  SH6.0RS  SBR064 | <p>Always-On application Lights & Wifi TV / Laptop x 1 Fridge / Freezer x 2 Clothes / Dishwasher x 1</p> |
| <p>70-120m² Townhouse 6kW + 9.6kWh Cover stage 6</p> |  SH6.0RS  SBR096 | <p>Instant application (2 at a time) Coffee / Bread machine / Microwave / Kettle</p> |
| <p>120-250m² Complex house 6kW + 19.2kWh Cover stage 6-8</p> |  SH6.0RS  SBR192 | <p>Always-On application Lights & Wifi TV & Laptop x 2 Fridge / Freezer x 3 Geyser/ Stove / Oven x 1 Aircon x 1 Clothes / Dishwasher x 2</p> |
| <p>250-500m² House 12kW + 25.6kWh Cover stage 6-8</p> |  SH6.0RS*2  SBR128*2 | <p>Instant application (2 at a time) Coffee / Bread machine / Microwave / Kettle</p> |
| <p>500m²+ House⁺ 18kW + 48kWh Cover stage 8</p> |  SH6.0RS*3  SBR160*3 | <p>Always-On application Lights & Wifi TV & Laptop x 3 Fridge / Freezer x 3 Geyser / Stove / Oven x 2 Aircon x 3 Clothes / Dishwasher x 2 Pool pump x 1 Heated carpet x 1</p> |

| Model | SH6.0RS |
|--------------------------------|---------------|
| Input(DC) | |
| Max, PV input voltage | 600V |
| Start-up input voltage | 50V |
| No, of independent MPPT inputs | 2 |
| Max, PV input current | 32A (16A/16A) |
| Input/Output(AC) | |
| Rated AC output power | 6000W |

| Model | SBR096 | SBR128 | SBR160 | SBR192 |
|--------------------------------|--------------|--------|--------|--------|
| Battery | | | | |
| Battery type | LFP | | | |
| Battery voltage | 80V-460V | | | |
| Max, charge/ discharge current | 30A / 30A | | | |
| Max, charge/ discharge power | 6570W | 8760W | 10950W | 13140W |
| Rated output power of backup | 5760W | 7680W | 9600W | 11520W |
| Peak power of backup | 8400 VA, 10s | | | |

Disclaimer: Covering stage and appliance number might be subject according to different situations and scenarios.