

MAIN FEATURES

Excellent performance because of double MCU Intelligent design

- Pure sine wave output for compatibility with loads of different types
- Visualization of operation status of the equipment through a digital LCD
- A wide range of input voltage, accurate output and full automatic voltage stabilization
- Settable battery type and charge current for the charge management of batteries of different types of FT/ FT-B
- Settable mains supply preferred mode, energy-saving mode and battery preferred mode for easy meeting of the needs of different users
- Overall protection functions (battery overvoltage protection, battery under voltage protection, overload protection, short circuit protection and over temperature protection)



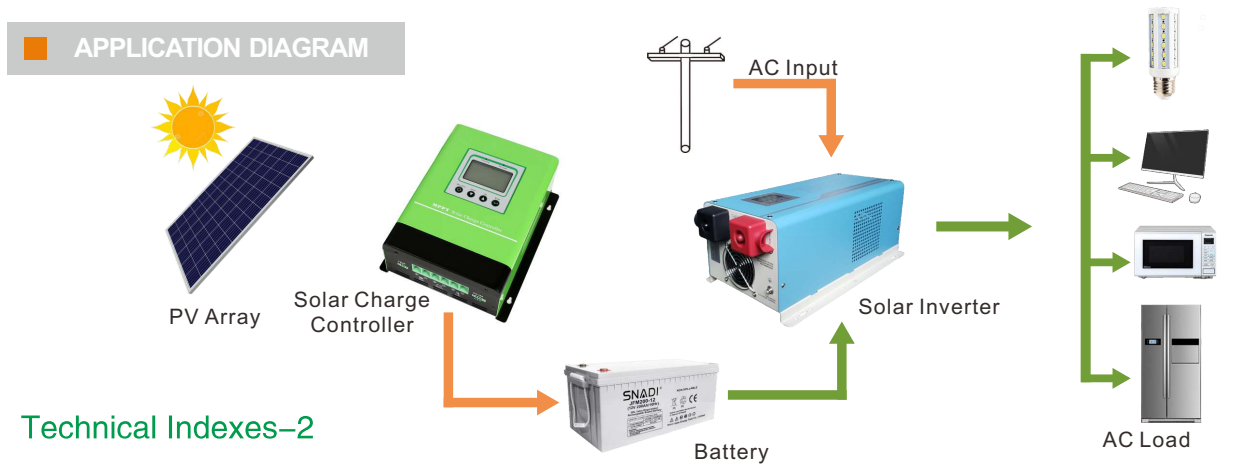
CBG

TECHNICAL INDEXES

Technical Indexes-1

| Model:FT-B | CBG-0.3KW | CBG-0.5KW | CBG-0.7KW | CBG-0.7KW | CBG-1KW |
|-------------------------|----------------------|-----------|-----------|-------------|-------------|
| Rated power | 300W | 500W | 700W | 700W | 1000W |
| Battery | | | | | |
| Rated voltage | 12VDC/24VDC | 24VDC | 12VDC | 12VDC | 12VDC/24VDC |
| Input | | | | | |
| Voltage range | 73-138VAC/145-275VAC | | | | |
| Frequency | 45-65Hz | | | | |
| Product size: L*W*H(mm) | 302*122*188 | | | 316*149*215 | |
| Package size: L*W*H9mm) | 375*195*260 | | | 410*215*280 | |

APPLICATION DIAGRAM



Technical Indexes-2

| Model:FT | CBG-1KW | CBG-1.5KW | CBG-2KW | CBG-3KW | CBG-4KW | CBG-5KW | CBG-6KW | CBG-8KW |
|-------------------------|----------------------|-----------|---------|-------------|-------------|-------------|-------------|---------|
| Rated power | 1000W | 1500W | 2000W | 3000W | 4000W | 5000W | 6000W | 8000W |
| Battery | | | | | | | | |
| Rated voltage | 12VDC/24VDC/48VDC | | | 24VDC/48VDC | | 48VDC/96VDC | | |
| Charge current | 30A (default) -C0-C6 | | | | | | | |
| Battery type | U0-U7 | | | | | | | |
| Input | | | | | | | | |
| Voltage range | 85-138VAC/170-275VAC | | | | | | | |
| Frequency | 45-65Hz | | | | | | | |
| Product size: L*W*H(mm) | 486*247*179 | | | | 555*307*189 | | 653*332*260 | |
| Package size: L*W*H9mm) | 550*310*230 | | | | 640*370*240 | | 715*365*310 | |

Technical Indexes-3

| Common technical Index | |
|----------------------------------|---|
| Output | |
| Voltage range | 110VAC/220VAC; ±5%(Inversion mode) |
| Frequency | 50/60Hz ± 1%(Inversion mode) |
| Output wave | Pure sine wave |
| Conversion time | < 10ms(Typical load) |
| Efficiency | > 85% (80% resistive load) |
| Overload | 110-120%/30S; > 160%/300ms; |
| Protection function | Battery overvoltage protection, battery undervoltage protection, overload, protection, short circuit protection, overtemperature protection, etc. |
| Operation of Ambient Temperature | 0-40°C |
| Ambient temperature for storage | -15 - +50°C |
| Operation/Storage ambient | 0-90% No condensation |

P.S.: We keep the right to change without any information.