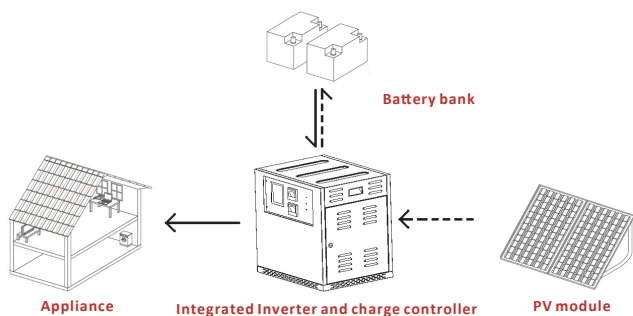


SAP 300VA/500VA



產品特點 Feature

- ▶ Integrated with inverter and charger, easy installation
內建變頻器和充電器·安裝方便
- ▶ High-frequency topology
高頻拓撲
- ▶ Excellent performance with high efficiency
性能優良·效率高
- ▶ Comprehensive protection including under-voltage, over-voltage, overload, short-circuit, reverse polarity etc
綜合保護·包括：欠壓、過壓、過載、短路、反極性等
- ▶ Flexible charging setting for different battery
不同電池的靈活充電設置
- ▶ Temperature compensation increase long term reliability and life expectancy
溫度補償增加了長期可靠性和預期壽命



Note: the integrated inverter and charge controller cabinet provides maximum battery space of 150AH*2, dimension of each battery is 483*170*241mm(L*W*H)

| | SAP 300VA | SAP 500VA |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------|
| Inverter | | |
| Nominal DC voltage | 24VDC | 24VDC |
| DC voltage range | 21.6VDC~30VDC | 21.6VDC~30VDC |
| Nominal output power | 300VA | 500VA |
| Nominal output voltage | 220V±3%(sine wave) | 220V±3%(sine wave) |
| Nominal output current | 1.4A | 2.3A |
| Nominal output frequency | 50Hz±3% | 50Hz±3% |
| Total harmonic distortion | ≤ 3% (for linear load) | ≤ 3% (for linear load) |
| Power factor | 0.8 | 0.8 |
| Max. Efficiency | 85% | 87% |
| Overload capacity | 110% <load<125% (±10%): Fault after 60s; 125%<load<150% (±10%): Fault after 20s; 150%<load (±10%): Fault immediately | |
| Solar Controller | | |
| Solar input voltage | 50VDC max | 50VDC max |
| Solar input current | 10A max | 15A max |
| Equalized charging voltage | 28.8V | 28.8V |
| Equalized recovery voltage | 26.4V | 26.4V |
| Floating voltage | 27.4V | 27.4V |
| Over charge protection | 30V | 30V |
| Protection | | |
| Over voltage | yes | yes |
| Under voltage | yes | yes |
| Overload | yes | yes |
| Short Circuit | yes | yes |
| Battery & Solar reverse-polarity | yes | yes |
| General data | | |
| Dimensions (mm*mm*mm) | 530*510*420 | 530*510*420 |
| Weight | 20KG | 20KG |
| Noise emission | ≤ 45dB | |
| Operating temperature | - 20°C~+ 50°C | |
| Relative Humidity | 0 ~ 90 % (non-condensing) | |
| Altitude | ≤ 6000m | |
| Certificates and approvals | GB/T 19064 -2003 | |
| Warranty | 1 year | |
| Environment protection rating | IP 20 | |