

ST6I Series

Three Phase In / Three Phase Out

▲ 10k-40kVA



Features :

- ◆ High efficiency up to 96%
- ◆ High input PF > 0.99 ; Input current THDi < 4%
- ◆ Battery cold start
- ◆ Full protection with 4 circuit breakers
- ◆ Parallel up to 8 units
- ◆ Optional in-built output transformer for different application

| MODEL | ST6I-3310XS | ST6I-3315XS | ST6I-3320XS | ST6I-3330XS | ST6I-3340XS |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|
| | ST6I-3310XL | ST6I-3315XL | ST6I-3320XL | ST6I-3330XL | ST6I-3340XL |
| Capacity (kVA) | 10kVA | 15kVA | 20kVA | 30kVA | 40kVA |
| Input | | | | | |
| Phase | 3 Phases + Neutral + Ground | | | | |
| Rated Input Voltage | 380/400/415VAC | | | | |
| Input Voltage Range | 304~478VAC (Line-Line), full load; 228~304VAC (Line-Line), load decrease linearly according to the min. phase voltage | | | | |
| Input Frequency Range | 40Hz ~ 70Hz | | | | |
| Input Power Factor | >0.99 | | | | |
| Input Current THDi | < 4% | | < 3% | | |
| Output | | | | | |
| Voltage | 380/400/415VAC | | | | |
| Rated Frequency | 50/60Hz | | | | |
| Output Power Factor | 1.0 | | 0.9 | | |
| THDv | <1% linear load | | | | |
| Overload Capability | 110% for 60min; 125% for 10min; 150% for 1min; > 150% for 200ms | | | | |
| Output Frequency Synchronized Range | ±3Hz default, Settable | | | | |
| Battery | | | | | |
| Battery Rate Voltage | ±240VDC | | | | |
| Voltage precision | 1% | | | | |
| Charger Power | 20% × System Power | | | | |
| Efficiency | | | | | |
| Normal Operation | 95.0% | | 95.0% | | 96.0% |
| Battery Operation | 94.5% | | 95.0% | | 96.0% |
| Others | | | | | |
| Display | LED + LCD | | | | |
| Communication Interface | Standard: RS232, RS485 (Optional: SNMP, Dry Contacts) | | | | |
| Operation Temperature | 0 ~ 40 °C | | | | |
| Protection Degree | IP20 | | | | |
| Relative Humidity | 0 ~ 95% (Non condensing) | | | | |
| Noise (1 meter) | < 55dB | | | | |
| Dimension (W*D*H,mm) | 250*840*715 | 250*840*715 | 350*738*1335 | 350*738*1335 | 500*840*1400 |
| | 250*660*530 | 250*660*530 | 250*680*770 | 250*680*770 | 250*836*770 |
| Weight (Kg) | 51.5 | 51.5 | 89 | 89 | 140 |
| | 31 | 31 | 50 | 52 | 61 |

* Specification is subject to change without prior notice.