

ST6I Series

Three Phase In / Three Phase Out

▲ 60k-500kVA



Features :

- ◆ High efficiency up to 96%
- ◆ High input PF > 0.99 ; Input current THDi < 3%
- ◆ Battery cold start
- ◆ Full protection with 4 circuit breakers
- ◆ Parallel up to 1500kVA
- ◆ Modular-like design, convenient for field maintenance
- ◆ Friendly operation interface with color touch screen

MODEL	ST6I-3360X	ST6I-33100X	ST6I-33200X	ST6I-33300X	ST6I-33400X	ST6I-33500X
Capacity (kVA)	60kVA	100kVA	200kVA	300kVA	400kVA	500kVA
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	< 3% , linear load					
Output						
Voltage	380/400/415VAC					
Rated Frequency	50/60Hz					
Output Power Factor	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	95.5%				96.0%	
Battery Operation	95.0%				96.0%	
Others						
Display	LED + LCD					
Communication Interface	Standard: RS232, RS485, USB, Dry Contacts (Optional: SNMP)					
Operation Temperature	0 ~ 40 °C					
Protection Degree	IP20					
Relative Humidity	0 ~ 95% (Non condensing)					
Noise (1 meter)	< 68dB			< 72dB		
Dimension (W*D*H,mm)	600*980*950	600*980*1150	650*960*1600	650*960*2000	1300*1100*2000	1300*1100*2000
Weight (Kg)	170	210	350	490	810	900

* Specification is subject to change without prior notice.