

On-line Tower UPS

Allis Electric Co., Ltd.

ST6I Series

Three Phase In / Three Phase Out

60k-500kVA



Features

- Double conversion
- 3 Level IGBT Rectifier & Inverter Technology
- Real Digital Signal Processor (DSP) controlled transformerless design
- 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-33080X	ST6I-33100X	ST6I-33200X	STI-33300X	ST6I-33400X	ST6I-33500X
Capacity (kVA)	80kVA	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	+3 Hz default, Settable					
Battery						
Battery Rate Voltage	+240VDC					
Voltage precision	1%					
Charger Power	20% x System Power					
Efficiency						
Normal Operation	96.0%					
Battery Operation	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)					
Dimension (W*D*H,mm)	600*980*1150	600*980*1150	650*960*1600	650*960*2000	1300*1100*2000	1300*1100*2000
Weight (Kg)	210	210	350	490	810	900
Options	Parallel Kit, Battery Cabinet, Backfeed Protection					

* Specification is subject to change without prior notice.