



ST5 / IST5AUT Series

UPS 10~600kVA

- » PF=0.9
- » Small Footprint
- » High Efficiency 94%
- » All Series Touch Screen Design
- » Galvanic Isolation Transformer
- » Double Button Switch Prevent Misoperation



Computer Room



Data Center



Precision
Instrument



Intelligent
Device



Auto
Manufacturing



Glass & Metallurgy
Industry



PLC System



Petrochemical
Industry



Automation
Equipment



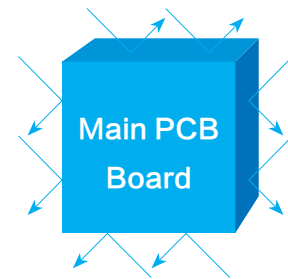
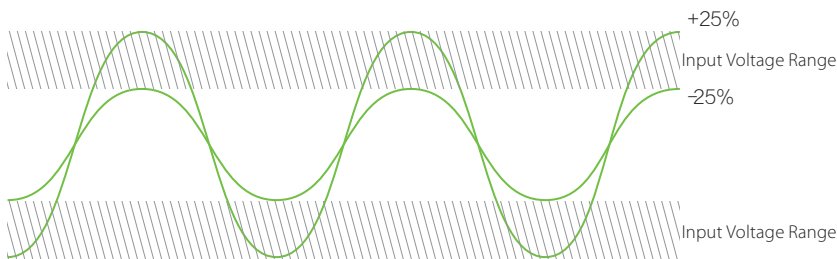
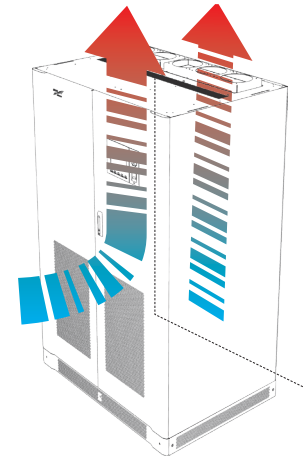
Power Plant

ST5 / IST5AUT Series UPS



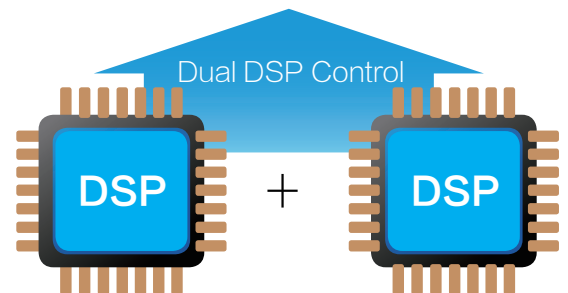
Reliable Design

- The output isolation transformer provides high reliability to adapt different harsh industrial environments and protects the critical loads
- 100% 3-phase unbalance load adapt to different kinds of complex applications
- Dual airducts design offer good cooling to protect the key components and extend the service life
- Dual power supply redundancy
- Wide input voltage range provides high adaptability to the grid and extend the battery service life
- Main PCB board with professional electromagnetic shielding improve reliable performance of EMC



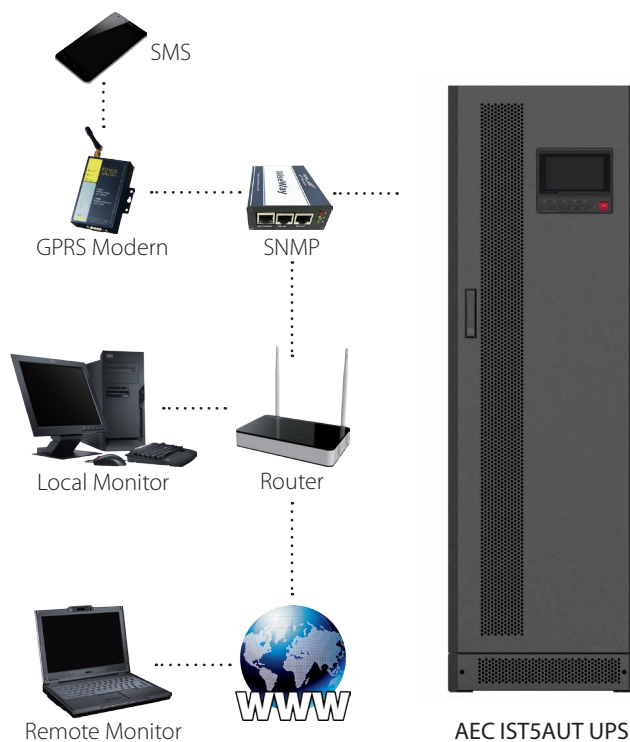
Innovative Upgrade

- Dual DSP control technology, make the data processing faster and more precise, improve the reliability
- High output PF=0.9 meet with high requirements of applications
- ECO-mode (98% Efficiency) gives possibility of significant cost reduction and heat emission
- Bus synchronization control function provides reliable high power for the dual bus application
- Advanced no-master-slave parallel technology achieves online power expansion and prevent single fault



Intelligent Management

- Multiple communication interface supports UPS and load intelligent monitoring
- Intelligent SNMP achieves local monitoring and remote monitor
- Battery temperature compensation function extends battery service life
- Battery self- test function and battery temperature compensation function improve the battery performance and extend battery uselife
- Intelligent fan control according the load capacity reduces the noise and prolongs fan service life



AEC IST5AUT UPS

Humanized Operation

- 10-30kVA models with wheels enable easy movement
- HMI - Friendly operation
- ON/OFF - Double Button design
- EPO
- 10,000 history records reduces fault analysis and maintenance time
- Power components in module design - more compact structure and easy for maintenance
- Hot-swappable fans design achieves on-line maintenance



ST5 / IST5AUT Series UPS

Technical Specifications

MODEL	IST5AUT 3310	IST5AUT 3320	IST5AUT 3330	IST5AUT 3340	IST5AUT 3350	IST5AUT 3380	IST5AUT 33100	IST5AUT 33120	IST5AUT 33160	IST5AUT 33200	IST5AUT 33250	IST5AUT 33300	IST5AUT 33400	IST5AUT 33500- 12P	IST5AUT 33600- 12P	
Input																
Voltage(Vac)	380/400/415±25%															
Rectifier Frequency(Hz)	40~70															
SYNC Frequency Tracking(Hz)	50/60±10%(±5% optional)															
Phase	3φ4W+PE															
Output																
Capacity (KVA)	10	20	30	40	50	80	100	120	160	200	250	300	400	500	600	
Power Factor	0.9 (0.8/1.0 optional)															
Phase	3φ4W+PE															
Voltage (Vac)	L-N; 220/230/240±1%, L-L:380/400/415±1%,															
Frequency(Hz)	50/60±0.2 (battery mode)															
Waveform	Pure sine wave, THD≤2% (linear load)															
3 Phases 100% Load Unbalance Voltage Stability	≤2%, allow 100% unbalance															
Overload	125% load for 10mins, 150% load for 1 min															
Battery																
Voltage (Vdc)	348 (360 optional)										384 (348/360/372 setting)					
BATT Type	External															
Charging Current(A)	10~40A setting										10-100A setting					
Other																
Maintenance Bypass	Yes															
Communication Interface	RS485/MODBUS (dry contacts / SNMP is optional)										RS232/RS485 (dry contacts /SNMP is optional)					
Display	Touch screen + LED															
Alarm	Overload, abnormal AC input, low battery, UPS failure															
Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage															
Noise (dB)	< 65										< 70					
Working Temperature	0 ~ 40℃															
Relative Humidity	0 ~ 95%, No condensation															
Dimension (WxDxH)(mm)	500×600×1180			500×800×1600			700×800×1800			1400×1000×1850			1600×1000×1850		3000×1000×1850	
Weight(kg)	230	250	300	400	450	520	600	650	825	1280	1568	1830	2050	4500		

* Specification is subject to change without prior notice.

* If the higher charging current is adjusted , the UPS capacity shall be derated.

