

# Extreme Power SPXT33 Transformer Based

10-600kVA

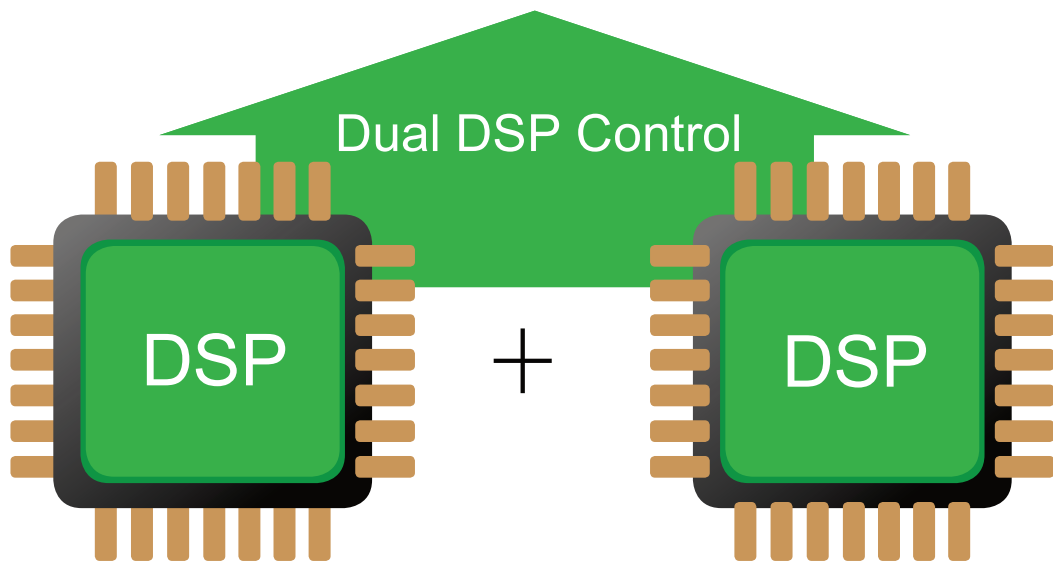


- ✓ Computer room
- ✓ Data center
- ✓ Precision instrument
- ✓ Industrial application
- ✓ Intelligent equipment

## Advanced Technology

- ✓ Online double conversion
- ✓ Wide input voltage range
- ✓ IGBT inverter and output isolation transformer
- ✓ Advanced battery charging management
- ✓ Advanced no-master-slave parallel technology (optional)

PRODUCT DATASHEET



### Green & Reliability

- ✓ High reliability DSP control
- ✓ Intelligent fan speed control
- ✓ Full protection function
- ✓ ECO mode and EPO function
- ✓ Efficiency 98% at ECO-mode
- ✓ 10,000 events logs
- ✓ Battery self-test function
- ✓ 12 Pulse rectifier (optional)
- ✓ Bypass isolation transformer (optional)

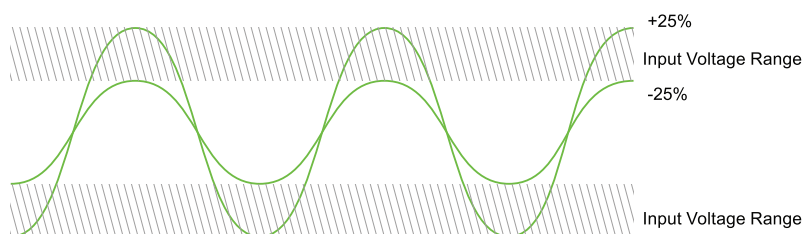
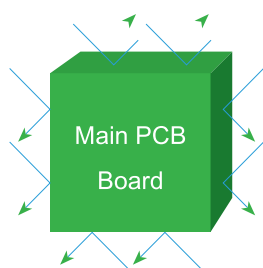
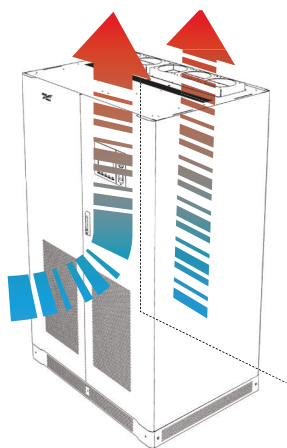
### Green & Reliability

- ✓ Allow 100% three phase unbalance load
- ✓ Intelligent RS232/RS485 & DB9 dry contact
- ✓ Communication port
- ✓ DC cold start function (optional)
- ✓ Intelligent battery monitor system-MMBM (optional)
- ✓ MODBUS & SNMP adapter (optional)



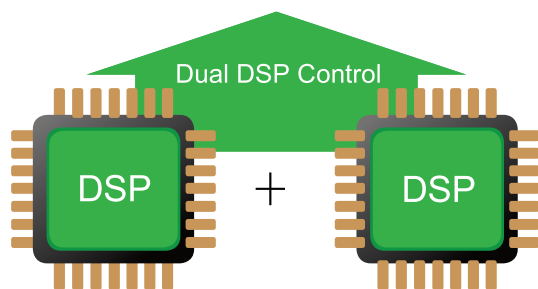
## Reliable Design

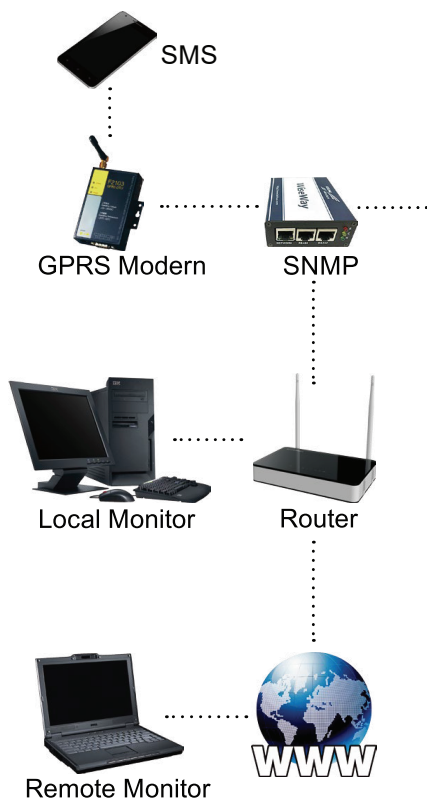
- The output isolation transformer provides high reliability to adapt different harsh industrial environments and protects the critical loads
- 100% 3-phase unbalance load adapt to different kinds of complex applications
- Dual airducts design offer good cooling to protect the key components and extend 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



## 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

PRODUCT DATASHEET

# SPECIFICATIONS

MODEL	SPXT 3310	SPXT 3320	SPXT 3330	SPXT 3340	SPXT 3360	SPXT 3380	SPXT 33100	SPXT 33120	SPXT 33160	SPXT 33200	SPXT 33250	SPXT 33300	SPXT 33400	SPXT 33500- 12P	SPXT 33600- 12P
INPUT															
Voltage (Vac)	380/400/415±25%														
Rectifier Frequency (Hz)	40~70														
SYNC Frequency Tracking (Hz)	50/60±10% (±5% settable)														
Phase	3φ4W+PE														
OUTPUT															
Capacity (KVA)	10	20	30	40	60	80	100	120	160	200	250	300	400	500	600
Power Factor	0.9														
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 settable)									384 (348/360/372 settable)					
Battery Type	External														
Charging Current (A)	10~40A settable									10-100A settable					
GENERAL															
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, etc.														
Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage, etc.														
Noise (dB)	< 65									< 70					
Working Temperature(°C)	0~40														
Relative Humidity	0 ~ 95%, no condensation														
Dimension (W×D×H)(mm)	500×600×1180			500×800×1600			700×800×1800			1400x1000x1850		1600×1000×1850		3000×1000×1850	
Weight (kg)	230	260	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.