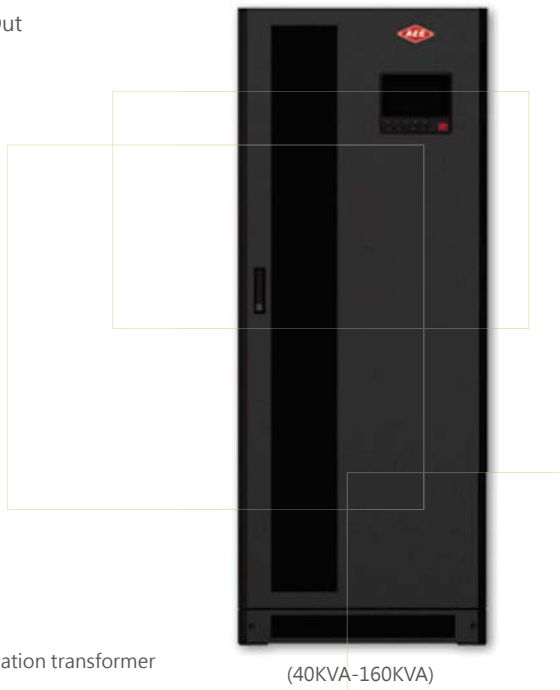


ST5100 Series

Three Phase In / Three Phase Out

▲ 10k-600kVA
(Transformer-based)



(40KVA-160KVA)

Features :

- ◆ IGBT inverter and output isolation transformer
- ◆ 3 phases UPS allow 100% unbalance load
- ◆ Fully DSP control, high reliability and performance
- ◆ HMI-touch screen display
- ◆ DC cold start function
- ◆ Advanced battery charging management
- ◆ Battery self-test function
- ◆ Intelligent fan speed control
- ◆ ECO mode and EPO function.
- ◆ Optional no-master-slave parallel technology
- ◆ The output isolation transformer provides high reliability to adapt different harsh industrial environments and protects the critical loads

MODEL	ST 5100-10	ST 5100-20	ST 5100-30	ST 5100-40	ST 5100-60	ST 5100-80	ST 5100-100	ST 5100-120	ST 5100-160	ST 5100-200	ST 5100-250	ST 5100-300	ST 5100-400	ST 5100-500	ST 5100-600	
Capacity (kVA)	10	20	30	40	60	80	100	120	160	200	250	300	400	500	600	
Input																
Voltage (Vac)	380/400/415 ± 25%															
Rectifier Frequency (Hz)	40~70															
SYNC Frequency Tracking (Hz)	50/60 ± 10% (± 5% settable)															
Phase	3 Phases + Neutral + Ground															
Output																
Power Factor	0.9 (0.8/1.0 optional)															
Phase	3 Phases + Neutral + Ground															
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)										
BATT Type	External															
Charger Current (A)	10 ~ 40A settable					10 ~ 100A settable										
Others																
Maintenance Bypass	yes															
Communication Interface	RS485/ Modbus / Dry contacts / SNMP (Optional)					RS232/ RS485/ Dry contacts / SNMP (Optional)										
Display	Touch screen + LED															
Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage , etc.															
Noise (dB)	< 65					< 70										
Working Temperature (°C)	0~40°C															
Relative Humidity	0 ~ 95%, No condensation															
Dimension (W×D×H) mm	500×600×1180			500×800×1600			700×800×1800			1400×1000×1850		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.