



UNI JET

Модульные ИБП АЕС IST6 - брошюра на продукцию. Юниджет

Постоянная ссылка на страницу: <https://www.uni-jet.com/catalog/ibp/on-line-ibp/aec-ist6/>



SERIES IST 6

POWER RANGE
50-600kVA



UPS MODULAR THREE PHASE

Uninterruptible power supplies **modular IST6** (25-600kVA) are AEC's three-phase modular UPS, UPS with **modules hot extractable**, in powers starting from 25kVA up to 600kVA. The UPS IST6 series adopts a completely modular technology, ensuring **constant redundancy** of the UPS.

Their modularity allows **future expansion** in power up to 2.4MW. Available in **three sizes**, up to 125kVA, 300kVA and 600kVA and with an efficiency of up to 96% and maximum safety, IST6 is designed for **medium and large data centers**. Configurable directly from the display, wide flexibility and high overload capacity. The self-cleaning function reduces the risk of dust accumulation on the cards. The system includes the **free contact card** for alarms.

IDEAL FOR



HEALTH CARE



INDUSTRY



SERVER

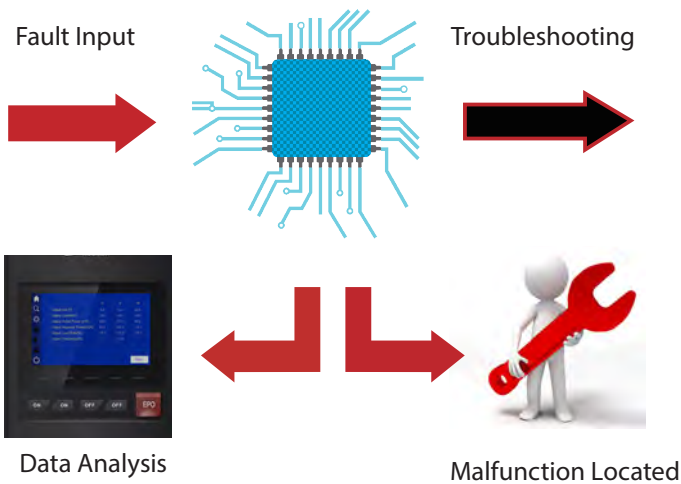


DATA CENTER

THREE PHASE UPS

FULL DIGITAL CONNECTION

- Advanced dual DSP control technology, hot-swap power increase, accurate and fast data processing.
- Optimized circuit design, preventative self-diagnosis, and fast fault remediation.
Greater reliability and efficiency;
- Parallel redundancy system, online power increase available to implement the N + X parallel internal configuration.



SAFETY SYNCHRONIZED

- Safe and reliable parallel digital smooth flow technology, powerful anti-interference filters deliver clean energy to protected loads;
- It has a BSC output to solve any unsynchronized power supply network problems;
- The construction criteria of the power modules use carefully selected high-strength materials to ensure the reliability of the modules and their replacement and/or hot addition.

ROTATING MODULE

- Automatic stand-by mode of the power modules that improves efficiency and reduces operating costs;
- Output power factor of 1, better cost effectiveness and compliance;
- The maintenance cycle prolongs the life of the batteries and increases the overall efficiency of the system.



TECHNICAL SPECIFICATIONS

MODELS	IST6125	IST6200	IST6300	
POWER MODULE	IST625-J	IST650-J		
INPUT				
RATED VOLTAGE (VAC)	380/400/415			
VOLTAGE RANGE (VAC)	L:L 138~485			
INPUT FREQUENCY (HZ)	40-70			
BYPASS VOLTAGE RANGE (VAC)	-15% (-20%/ -30% optional) ~+15%(+10% /+20% optional)			
POWER FACTOR	≥0.99			
THDI	<5% (nonlinear, full load)			
PHASE	3φ4W+PE			
BATTERY VOLTAGE (VDC)	±192 (±180~ ±276 settable)	±240 (±180~ ±276 settable)		
CHARGING CURRENT (A)	N×10 Maximum (N: the number of power modules)			
OUTPUT				
CAPACITY (KVA)	125	200	300	
POWER FACTOR	1			
PHASE	3φ4W+PE			
WAVEFORM	sine wave			
VOLTAGE (VAC)	L-L:380,400,415 ±1%			
FREQUENCY (HZ)	50/60± 0.2%			
THREE PHASE DIFFERENCE	≤2 degrees			
THDV	≤1% (linear load, full load), ≤4% (nonlinear load, full load)			
MAX. SYSTEM EFFICIENCY	96%			
PARALLEL MODE	N+1 redundancy			
OVERLOAD CAPACITY	105-115% load for 60mins, 116%-130% load for 10mins, 131%-150% load for 1 min, over 150% load transfer to bypass			
OTHERS				
OPERATING TEMPERATURE (°C)	0~40			
RELATIVE HUMIDITY	0%~95%			
COMMUNICATION FUNCTION	RS485, RS232, dry contact (SNMP optional)			
NOISE (DB)	< 65	<70		
POWER MODULE (KVA)	25	50		
"POWER MODULE DIMENSION (W×D×H) MM"	500x700x130			
POWER MODULE WEIGHT (KG)	32	33		
DIMENSION (W×D×H) (MM)	600×900×1400	600×860×2000		
WEIGHT (KG)	UPS	162	224	236
	Bypass Module	20	23	27
	Power Module	32	33	
	Total	347	379	461

TECHNICAL SPECIFICATIONS

MODELS	IST6400	IST6500	IST6600
POWER MODULE	IST650-J		
INPUT			
RATED VOLTAGE (VAC)	380/400/415		
VOLTAGE RANGE (VAC)	L:L 138~485		
INPUT FREQUENCY (HZ)	40-70		
BYPASS VOLTAGE RANGE (VAC)	-15% (-20%/ -30% optional) ~+15%(+10% /+20% optional)		
POWER FACTOR	≥0.99		
THDI	<5% (nonlinear, full load)		
PHASE	3φ4W+PE		
BATTERY VOLTAGE (VDC)	±240 (±180~ ±276 settable)		
CHARGING CURRENT (A)	N×10 Maximum (N: the number of power modules)		
OUTPUT			
CAPACITY (KVA)	400	500	600
POWER FACTOR	1		
PHASE	3φ4W+PE		
WAVEFORM	sine wave		
VOLTAGE (VAC)	L-L:380,400,415 ±1%		
FREQUENCY (HZ)	50/60± 0.2%		
THREE PHASE DIFFERENCE	≤2 degrees		
THDV	≤1% (linear load, full load), ≤4% (nonlinear load, full load)		
MAX. SYSTEM EFFICIENCY	over 96%		
PARALLEL MODE	N+1 redundancy		
OVERLOAD CAPACITY	105-115% load for 60mins, 116%-130% load for 10mins, 131%-150% load for 1 min, over 150% load transfer to bypass		
OTHERS			
OPERATING TEMPERATURE (°C)	0~40		
RELATIVE HUMIDITY	0%~95%		
COMMUNICATION FUNCTION	RS485, RS232, dry contact (SNMP optional)		
NOISE (DB)	<70		
POWER MODULE (KVA)	50		
"POWER MODULE DIMENSION (W×D×H) MM"	500x700x130		
POWER MODULE WEIGHT (KG)	33		
DIMENSION (W×D×H) (MM)	1200×860×2000		
WEIGHT (KG)	UPS	427	
	Bypass Module	27	31
	Power Module	33	
	Total	718	788