

TECHNICAL SPECIFICATIONS

MODELS	IST6-120	IST6-200 IST6-300	IST6-600	
POWER MODULES	IST6-30-J	IST6-50-J		
INPUT				
VOLTAGE (VAC)	380/400/415			
TENSION TOLERANCES (VAC)	L:L 138~485			
FREQUENCY INPUT (HZ)	40-70			
BYPASS TENSION (VAC)	-15% (-20%/-30% optional) ~+15%(+10% /+20% optional)			
POWER FACTOR	≥0.99			
THDI	<5% (Non-linear at full load)			
PHASES	3+N+PE			
BATTERIES (VDC)	±192 (±180~ ±276 settable)			
CHARGING CURRENT (A)	N×10 Maximum (N: number of power modules)			
OUTPUT				
POWER (KVA)	120	300	600	
POWER FACTOR	1			
PHASES	3+N+PE			
WAVEFORM	Sinusoidal			
TENSION (VAC)	L-L:380,400,415 ±1%			
FREQUENCY (HZ)	50/60± 0.2%			
DIFFERENCE 3 PHASES	≤2 degrees			
THD	≤1% (Linear loads at full load), ≤4% (Non-Linear loads at full load)			
MAX. SYSTEM EFFICIENCY	over 97%			
PARALLEL	N+1 redundant			
OVERLOAD	105-115% Overload for 60mins, 116%-130% Overload for 10mins, 131%-150% Overload for 1 min, more than 150% Load transfers on Bypass			
OTHER SPECIFICATIONS				
TEMPERATURE (°C)	0~40			
HUMIDITY	0%~95%			
COMMUNICATION	RS485, MODBUS, Free Contact Card (SNMP optional)			
NOISE (DB)	< 65	<70		
POWER MODULE (KVA)	30	50		
WEIGHT POWER MODULE (KG)	32	33		
DIMENSIONS (L×W×H) (MM)	600×860×2000		1200×860×2000	
WEIGHT (KG)	UPS	180	224	427
	Bypass Module	17	25	27
	Power Module 30/50kW	27	33	
CERTIFICATIONS				
STANDARDS AND CERTIFICATIONS	CE (Reference standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; Classification IEC EN 62040-3)			

ALL INFORMATION IS INDICATIVE, MAY BE MODIFIED BY AEC AT ANY TIME AND DOES NOT CONSTITUTE CONTRACTUAL OBLIGATIONS.

TECHNICAL SPECIFICATIONS

MODELS	IST6-800	IST6-1000	IST6-1200	
POWER MODULES	IST6-100-J			
INPUT				
VOLTAGE (VAC)	380/400/415			
VOLTAGE TOLERANCES (VAC)	L:L 138~485			
FREQUENCY INPUT (HZ)	40-70			
BYPASS VOLTAGE (VAC)	-15% (-20%/-30% optional) ~+15%(+10% /+20% optional)			
POWER FACTOR	≥0.99			
THDI	<5% (Non-linear at full load)			
PHASES	3+N+PE			
BATTERIES (VDC)	±240 (±180~ ±276 settable)			
CHARGING CURRENT (A)	N×10 Maximum (N: number of power modules)			
OUTPUT				
POWER (KVA)	800	1000	1200	
POWER FACTOR	1			
PHASES	3+N+PE			
WAVEFORM	Sinusoidal			
VOLTAGE (VAC)	L-L:380,400,415 ±1%			
FREQUENCY (HZ)	50/60± 0.2%			
DIFFERENCE 3 PHASES	≤2 degrees			
THD	≤1% (linear loads at full load), ≤4% (non-linear loads at full load)			
MAX. SYSTEM EFFICIENCY	over 97%			
PARALLEL	N+1 ridondant			
OVERLOAD	105-115% Overload for 60mins, 116%-130% Overload for 10mins, 131%-150% Overload for 1 min, more than 150% Load tranfers on Bypass			
OTHER SPECIFICATIONS				
TEMPERATURE (°C)	0~40			
HUMIDITY	0%~95%			
COMMUNICATION	RS485, MODBUS, Free contact card (SNMP optional)			
NOISE (DB)	<70			
POWER MODULE (KVA)	100			
POWER MODULE WEIGHT (KG)	33			
DIMENSIONS (L×W×H) (MM)	1400*1000*2000	1800*1000*2000		
WEIGHT (KG)	UPS	580	650	740
	Bypass Module	60	80	80
	Power Module 100kW	55		
CERTIFICATIONS				
STANDARDS	CE (Reference standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; Classification IEC EN 62040-3)			