

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)		