

TECHNICAL SPECIFICATIONS				
MODELS	IST7T-80	IST7T-100	IST7T-120	IST7T-160
INPUT				
VOLTAGE (VAC)	380/400/415			
TENSION TOLERANCES (VAC)	380/400/415±25%			
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)	348 (360 setting)			
CHARGING CURRENT (A)	10~40A setting			
OUTPUT				
POWER (KVA)	80	100	120	160
POWER FACTOR	0.9 (1.0 optional)			
PHASES	3+N+PE			
WAVEFORM	Sinusoidal			
TENSION (VAC)	L-L:380,400,415 ±1%			
FREQUENCY (HZ)	50/60± 0.2%			
DIFFERENCE 3 PHASES	≤2%, allow 100% unbalance			
THD	THD≤2% (linear load)			
MAX. SYSTEM EFFICIENCY	94%			
PARALLEL	up to 8 units			
OVERLOAD	125% load for 10mins, 150% load for 1 min			
OTHER SPECIFICATIONS				
TEMPERATURE (°C)	0~40			
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HUMIDITY	0%~95%			
COMMUNICATION	RS485, MODBUS, Dry Contact Card (SNMP optional)			
NOISE (DB)	< 65			
DIMENSIONS (L×W×H)(MM)	500x800x1600	700×800×1800		
WEIGHT (KG)	520	600	650	825
CERTIFICATIONS				
MARKING	CE			
STANDARDS	IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3			

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TECHNICAL SPECIFICATIONS

MODELS	IST7T-200	IST7T-250	IST7T-300	IST7T-400	IST7T-500	IST7T-600
INPUT						
VOLTAGE (VAC)	380/400/415					
VOLTAGE TOLERANCES (VAC)	380/400/415±25%					
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)	384 (348/360/372 setting)					
CHARGING CURRENT (A)	10-100A setting					
OUTPUT						
POWER (KVA)	200	250	300	400	500	600
POWER FACTOR	0.9 (1.0 optional)					
PHASES	3+N+PE					
WAVEFORM	Sinusoidal					
VOLTAGE (VAC)	L-L:380,400,415 ±1%					
FREQUENCY (HZ)	50/60± 0.2%					
DIFFERENCE 3 PHASES	≤2%, allow 100% unbalance					
THD	≤1% (linear loads at full load), ≤4% (non-linear loads at full load)					
MAX. SYSTEM EFFICIENCY	94%					
PARALLEL	up to 8 units					
OVERLOAD	125% load for 10mins, 150% load for 1 min					
OTHER SPECIFICATIONS						
TEMPERATURE (°C)	0~40					
HUMIDITY	0%~95%					
COMMUNICATION	RS485, MODBUS, Free contact card (SNMP optional)					
NOISE (DB)	<70					
DIMENSIONS (L×W×H) (MM)	1400x1000x1850		1600×1000×1850		3000×1000×1850	
WEIGHT (KG)	1280	1568	1830	2050	4500	
CERTIFICATIONS						
MARKING	CE					
STANDARDS	IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3					

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