

TECHNICAL SPECIFICATIONS

MODELS	IST7-10-32X9 IST7-10	IST7-20-36X9 IST7-20	IST7-30-72X9 IST7-30	IST7-40-72X9 IST7-40
INPUT				
VOLTAGE (VAC)	80-280 (L-N) / 138-485 (L-L)			
FREQUENCY (HZ)	40~70			
VOLTAGE BYPASS (VAC)	380/400/415: -20%~+15%			
POWER FACTOR	≥0.99			
THDI	≤3%			
PHASES	3:3 / 3:1 / 1:1		3:3 / 3:1	
OUTPUT				
POWER (KVA)	10	20	30	40
POWER FACTOR	1			
VOLTAGE (VAC)	L-N: 220/230/240±1% L-L: 380/400/415±1%			
FREQUENCY (HZ)	50/60±0.1			
THD	THD<1% (linear loads), THD <3% (non- linear loads)			
WAVEFORM	Sinusoidal pure, THD<1% linear			
EFFICIENCY	97%			
OVERLOAD	110% Overload for 60mins; 130% Overload for 10mins; 155% Overload for 1min; >155% Overload for 200ms;			
BATTERIES				
BATTERY VOLTAGE (VCC)	±96~±240 configurable	±144~±240 configurable	±144~±240 configurable	±144~±240 configurable
BATTERIES CONFIGURATION STANDARD	32*9AH/12V	36*9AH/12V	72*9AH/12V	72*9AH/12V
MAX. CHARGING CURRENT (A)	1-10 (configurable)		1-20 (configurable)	
OTHER SPECIFICATIONS				
COMMUNICATIONS	RS485, MODBUS, Free contact card (RS232 e SNMP optional)			
DISPLAY	Touch screen+LED			
ALARMS	Low batteries, Anormal input, Overload, Block/Fault ecc.			
PROTECTION	Low batteries, Overload, Short-circuit, Over-temperature ecc.			
NOISE (DB)	<55			
TEMPERATURE (°C)	-5~40			
HUMIDITY	0~95%			
DIMENSIONS (L×W×H) (MM)	250×755x880		300x785x1250	
WEIGHT (KG)	132 with batteries - 50 without	140 with batteries - 50 without	270 with batteries - 85 without	
CERTIFICATIONS				
STANDARDS	CE (Reference standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; Classification IEC EN 62040-3)			

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