

TECHNICAL SPECIFICATIONS

MODELS	IST3-1-2X9 IST3-1-L	IST3-2-4X9 IST3-2-L	IST3-3-6X9 IST3-3-L	IST3-6-16X9 IST3-6-L	IST3-10-16X9 IST3-10-L
INPUT					
VOLTAGE (VAC)	120~295			80~275	
FREQUENCY (HZ)	50/60± 10% (50/60Hz automatic regulation)				
POWER FACTOR	≥0.99				
THDi	<5%				
OUTPUT					
POWER (WATT)	1000	2000	3000	6000	10000
MAX. AC/AC EFFICIENCY	92,00%	93,00%	94,00%	96%	
POWER FACTOR	1				
VOLTAGE (VAC)	208/220/230/240±1% (configurable from display)				
FREQUENCY (HZ)	50/60±0.2% (battery mode)				
THDi	THD < 2% (linear loads) THD < 5% (non-linear loads)			THD < 1% (linear loads) THD < 4% (non-linear loads)	
SWITCHING TIME (MS)	0				
BATTERIES					
VOLTAGE (VDC)	24 or 36	48 or 72	72 or 96	192~240	
STANDARD BATTERIES CONFIGURATIONS	2×9Ah 12V	4×9Ah 12V	6×9Ah 12V	16×9Ah 12V	16×9Ah 12V
MAX. CHARGING CURRENT (A)	1-4	1-4	1-4	1-8	
OTHER SPECIFICATIONS					
COMMUNICATIONS	RS232, EP0, USB (slot) (SNMP, RS485+ Optional dry contact Card)				
LCD DISPLAY	Voltage and Frequency input/output, Load level protected, State charge of the batteries, Temperature, UPS operation and Block/Fault				
ALLARMS	Low batteries, Abnormal Input, Overload, Block/Fault, ecc.				
PROTECTIONS	Low batteries, Overload, Short-circuit, Over-temperature, ecc.				
NOISE (DB)	<50	<55			
TEMPERATURE (°C)	-5~40				
HUMIDITY	0 ~ 95%				
DIMENSIONS (L×W×H) MM	145×360×225	190×400×330		230×502×553 / 190×422×337 (L)	
WEIGHT (KG)	9.2 or 11.6/4.5	17.7 or 22.4/8.5	22.9 or 27.6/9.2	54.5/10.9	56.2/12.5
STANDARDS AND CERTIFICATIONS	CE (Reference standards: Safety IEC EN 62040-1; EMC IEC EN 62040-2; Classification IEC EN 62040-3)				

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