

## IST3 Serie



### Caractéristiques :

- On-line double conversion
- Wide input voltage range
- Cold start
- Advance battery management
- Automatic battery charging on/off mode
- Lighting and surge protection
- Automatical fan speed adjustment
- Complete protection function
- Network/fax/modem surge protection
- LCD Display
- EMI/RFI noise filter
- Smart RS232 port with software
- PFC technology

## SPECIFICATION

Model	IST3100010	IST3100010-L	IST3100020	IST3100020-L	IST3100030	IST3100030-L	IST3100060	IST3100060-L	IST3100100	IST3100100-L
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INPUT										
Capacity	1KVA/0,9KW		2KVA/1,8KW		3KVA/2,7KW		6KVA/5,4KW		10KVA/9KW	
Cold Start	Yes, default frequency = 50Hz or settable									
Acceptable Input voltage	110VAC-288VA									
	100% load @ > 176VAC									
	80% load @ > 154VAC									
	70% load @ > 132VAC									
Phase	50% load > 110VAC									
	single phase in, single phase out									
Input Power Factor	≥0,99									
Inout current	4,8A	9,6A	14,4A	27,5A	47A					
Input Frequency range	40-70Hz									
Frequency adaptable	settable									
OUTPUT										
Output PF	0,9									
Nominal voltage	220/230/240VAC									
Waveform	pure sine wave									
Voltage regulation	± 1%									
THD	≤ 1% THD, linear load									
	≤ 3% THD, non linear load									
frequency online	± 5Hz									
Frequency battery mode	± 0,1Hz									
Efficiency (line mode)	92,00%									
ECO mode	98,00%									
Transfer time	0 ms (line mode to battery mode), 2ms (inverter to bypass)									
Charger	1A	8A	1A	8A	1A	8A	1A	8A	1A	8A
Overload capability (line mode)	105%-130%: transfer to bypass after 1 min					110%: transfer to bypass after 60 mins				
	150%: transfer to bypass after 30 secs					130%: transfer to bypass after 1 min				
	150%: transfer to bypass after 30sec shutdown after 1 min									
Crest ratio	3 : 1									
BATTERY										
Battery type	sealed lead acid maintenace free battery									
Battery voltage Vdc	36	72	96	192	192					
INDICATOR & ALARM										
Display	LED+LCD									
INTERFACE										
Communication	DB9 port, Dry contact, USB port (optional), RS232 port, SNMP (optional)									
MECHANICAL										
Noise	< 47dB		< 50dB		< 50dB		< 55dB			
W*L*H (mm)	144*353*222	144*353*222	190*374*336	190*374*336	190*426*336	190*426*336	250*526*640	250*526*480	250*526*640	250*526*480
Net weight (kg)	12	6	21	11	26	12	57	18	65	20

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