

TECHNICAL SPECIFICATIONS

| MODELS                       | IST3J-1-3X9<br>IST3J-1                                                                                                              | IST3J-2-4X9<br>IST3J-2 | IST3J-3-6X9<br>IST3J-3 | IST3J-6-16X9<br>IST3J-6                               | IST3J-10-16X9<br>IST3J-10 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|-------------------------------------------------------|---------------------------|
| INPUT                        |                                                                                                                                     |                        |                        |                                                       |                           |
| VOLTAGE (VAC)                | 120~295                                                                                                                             |                        |                        | 80~275                                                |                           |
| FREQUENCY (HZ)               | 50/60± 10% (50/60Hz Automatic regulation)                                                                                           |                        |                        |                                                       |                           |
| POWER FACTOR                 | ≥0.99                                                                                                                               |                        |                        |                                                       |                           |
| THDi                         | <5%                                                                                                                                 |                        |                        |                                                       |                           |
| OUTPUT                       |                                                                                                                                     |                        |                        |                                                       |                           |
| POWER (VA)                   | 1000                                                                                                                                | 2000                   | 3000                   | 6000                                                  | 10000                     |
| MAX. AC/AC EFFICIENCY        | 92,00%                                                                                                                              | 92.5%                  | 93.3%                  | 96%                                                   |                           |
| POWER FACTOR                 | 1                                                                                                                                   |                        |                        |                                                       |                           |
| VOLTAGE (VAC)                | 208/220/230/240±1% (configurable from Display)                                                                                      |                        |                        |                                                       |                           |
| FREQUENCY (HZ)               | 50/60±0.2% (battery mode)                                                                                                           |                        |                        |                                                       |                           |
| THD                          | THD <2% (linear loads)<br>THD < 5% (non-linear loads)                                                                               |                        |                        | THD <1% (linear loads)<br>THD < 4% (non-linear loads) |                           |
| SWITCHING TIME (MS)          | 0                                                                                                                                   |                        |                        |                                                       |                           |
| BATTERIES                    |                                                                                                                                     |                        |                        |                                                       |                           |
| VOLTAGE (VDC)                | 36                                                                                                                                  | 48                     | 72                     | 192~240                                               |                           |
| QUANTITY                     | 3× 9AH 12V                                                                                                                          | 4× 9AH 12V             | 6× 9AH 12V             | 16× 9AH 12V<br>(16~20 configurable)                   |                           |
| MAX. CHARGING CURRENT (A)    | 1-4                                                                                                                                 | 1-4                    | 1-4                    | 1/1~8 (configurable)                                  |                           |
| OTHER SPECIFICATIONS         |                                                                                                                                     |                        |                        |                                                       |                           |
| COMMUNICATIONS               | RS232+EPO+USB (slot)<br>(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 |                        |                        |                                                       |                           |
| ALARMS                       | Low batteries, Abnormal Input, Overload, Block/Fault, ecc.                                                                          |                        |                        |                                                       |                           |
| PROTECTION                   | Low batteries, Overload, Short-circuit, Over-temperature, ecc.                                                                      |                        |                        |                                                       |                           |
| NOISE (DB)                   | < 50                                                                                                                                |                        | < 55                   |                                                       |                           |
| TEMPERATURE (°C)             | -5~40                                                                                                                               |                        |                        |                                                       |                           |
| HUMIDITY                     | 0 ~ 95%                                                                                                                             |                        |                        |                                                       |                           |
| DIMENSIONS (L×W×H)           | 438×413×2U                                                                                                                          | 438×570×2U             |                        | 438×500×2U (UPS)+ 438×500×3U (Batt. pack)             |                           |
| WEIGHT (KG)                  | 11                                                                                                                                  | 19.8                   | 24.8                   | 10.6+45/10.6                                          | 12.2+45/12.2              |
| 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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