

**ESIS POWER ENERGY**

# ONLINE UPS

RELIABLE POWER BACKUP  
FOR CRITICAL INFRASTRUCTURE



## Voltify Elite 1P/1P 6K-10K



True Double  
Conversion



DSP  
Technology



Parallel  
Operation



ECO Mode &  
High Efficiency



LCD Display &  
EPO Function

## SPECIFICATION

| Model    | Voltify Elite 6K(U) | Voltify Elite 7.5K(U)    | Voltify Elite 10K(U) |
|----------|---------------------|--------------------------|----------------------|
| Capacity | 6 kVA / 4.8 kW      | 7.5 kVA / 6 kW           | 10 kVA / 8 kW        |
| Phase    |                     | 1-phase in / 1-phase out |                      |

| OUTPUT                             |  |
|------------------------------------|--|
| Voltage Regulation                 | ±1%                                    |
| Output Voltage                     | 208VAC / 220VAC / 230VAC               |
| Frequency Range (Batt. Mode)       | 50Hz ±0.1Hz or 60Hz ±0.1Hz             |
| Transfer Time (AC to DC)           | Zero                                   |
| Transfer Time (Inverter to Bypass) | Zero                                   |
| Waveform (Batt. Mode)              | Pure Sine Wave                         |
| Efficiency (AC Mode)               | 83.3%                                  |
| Efficiency (Battery Mode)          | 92%                                    |
| Frequency Range                    | 45Hz–55Hz or 55Hz–65Hz                 |
| Current Crest Ratio                | 3:1                                    |
| Harmonic Distortion                | ≤3% THD (Linear); ≤5% THD (Non-linear) |

| ENVIRONMENT           |  |
|-----------------------|--|
| Operating Temperature | 0–50°C (battery life cycle will be shown when temperature is above 25°C) |
| Operating Humidity    | <95% non-condensing  |
| Noise Level           | Less than 60dB @ 1 Meter   |

| PHYSICAL       |                      |             |         |         |
|----------------|----------------------|-------------|---------|---------|
| Standard Model | Dimension, DxWxH(mm) | 592x300x826 |         |         |
| Standard Model | Net Weight (Kgs)     | 106,114     | 122,130 | 130,138 |
| Long-run Model | Dimension, DxWxH(mm) | 592x250x826 |         |         |
| Long-run Model | Net Weight (Kgs)     | 62          | 78      | 86      |

| INPUT                    |  |
|--------------------------|--|
| Nominal Voltage          | 208VAC / 220VAC / 230VAC   |
| Acceptable Voltage Range | 165VAC–285VAC @ 16pcs batteries; 185VAC–285VAC @ 18pcs batteries |
| Frequency                | 40Hz–65Hz @ 50Hz; 56Hz–65Hz @ 60Hz                               |

| INDICATORS |  |
|------------|--|
| LCD        | UPS status, load level, battery level, input/output voltage and frequency, fault code/warning code |

| ALARM        |                             |
|--------------|-----------------------------|
| Battery Mode | Sounding every 4 second     |
| Low Battery  | Sounding every second       |
| Overload     | Sounding twice every second |
| Fault        | Continuously sounding       |

| BATTERY                   |                         |
|---------------------------|-------------------------|
| Long-run Battery Numbers  | 16pcs, 18pcs            |
| Long-run Charging Voltage | 218.4V ±1%, 245.7V ±1%  |
| Standard Battery Numbers  | 16pcs                   |
| Standard Battery Type     | 12V / 9Ah               |
| Recharge Time             | 6 hours to 90% capacity |

| MANAGEMENT           |   |
|----------------------|---|
| Optional SNMP        | Power management via SNMP manager & web browser |
| Modbus RS232 / RS485 | Supports Windows, Linux and MAC                 |

ESIS Power Energy reserves the right to modify these details at any time without prior notification.