

# High-Performance Solutions For Mission Critical Operations

## ELITE UPS

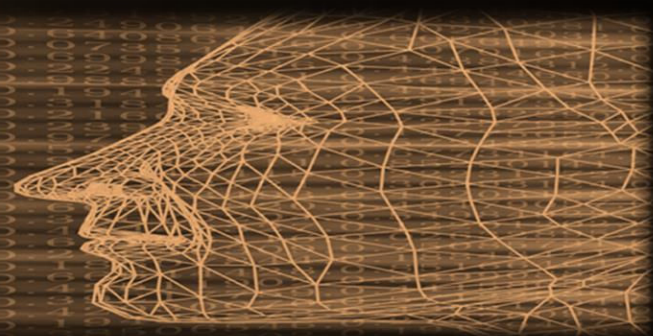
- Power rating of 6KVA to 10KVA
- Online Double Conversion with DSP control
- Wide input frequency range: (50Hz: 45 – 55Hz / 60Hz: 54 – 66Hz)
- Up to 97% efficiency
- Pure sine wave output during battery operation
- High power density, output power factor 0.9
- Support generator input

***Your Power In Safe Hands***





**Only PowerHub UPS saves money and energy  
without sacrificing availability**

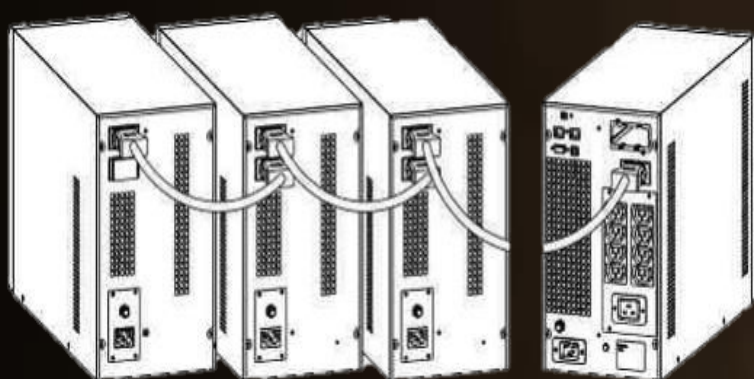


**Applications:**

- Computer room
- Data center
- Precision instrument
- Intelligent equipment
- Financial & Telecommunications

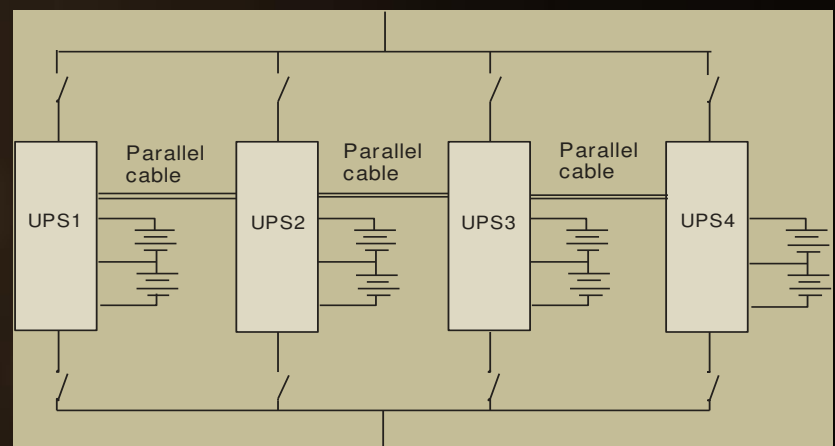
**E**lite series UPS is a single phase in, single phase out high frequency online UPS, with 2 power ratings that is 6KVA and 10KVA, made available to the market. The UPS is designed to solve most of the power supply problems, such as power failure, overvoltage, under voltage, power surge, power sag, electrical line noise, switching transient, frequency variation, inrush current, harmonic distortion (THD), etc. This UPS can be applied for different applications from computer device, automatic equipment, communication system to industry equipment.

**External Battery Pack**



External Battery Pack are easily cascade via the back panel battery connector and can be replaced by the user directly.

**N + X Parallel Redundancy**



To achieve a higher capacity and/or increase reliability, the outputs of up to four UPS modules can be programmed to operate in parallel and the built-in parallel controller in each UPS ensures automatic load sharing.



#### LCD Control Panel

Provides an overview of UPS status and estimated battery runtime.



#### ECO Mode

When the UPS is connected to AC main supply and the load is not critical, UPS can be set to ECO mode in order to improve the power efficiency. In the event of AC interruption, UPS will transfer from bypass to inverter and supply power from the battery.



**It's a about technology working for people rather than people working for technology**

**EXCELLENT PERFORMANCE**

**HIGH RELIABILITY**

**BEST QUALITY**



Parallel module

Rear Panel

Besides having the usual RS232 interface, the UPS can be monitored and controlled via Dry Contact or Ethernet (SNMP) card. This unique solution allows you to conveniently monitor and manage your UPS with a standard Web browser, while simultaneously providing graceful shutdown for multiple computer systems over the network.

The PowerHub Elite UPS range is dedicated to the electrical protection of your IT networks and loads against power supply problems and electrical disturbances.



## PowerHub Elite Series

### MODELS

MODELS	Elite 6K-SS (Std/Ext)	Elite 10K-SS (Std/Ext)
Rating (VA/Watt)	6000/5400	10000/9000
Dimension WxDxH (mm)	250x502x616 (Std/Ext) 250x597x616 (EBP)	
Weight (kg)	70(Std) / 30(Ext) 134(EBP)	80K(Std) / 40(Ext) 134(EBP)

### BATTERY

Battery Voltage (VDC)	±96/108/120 (Optional)
BATT Type / Number	12V/9Ah x 2 0
Recharge Time	6 ~ 8 hours (to 90% capacity)
Charger Current (A)	1 (Std) 10 (Ext)

*Due to ongoing product improvements, specifications are subject to change without notice.*

### TECHNICAL SPECIFICATIONS

#### Electrical Input

Input Voltage: 220/230/240VAC

Frequency Range :  
50Hz - 45~55Hz,  
60Hz - 54~66Hz

#### Electrical Output

Output Voltage: 220/230/240VAC ± 2%

Power Factor: 0.9

Crest Factor: 3:1

Efficiency: 91% max (online mode)  
<97% (high efficiency mode)

Transfer Time: 0ms (Mains - Battery)  
0ms (Mains – Bypass)

Overload: Load ≤ 110% : 3min, ≤ 125% : 30S,  
≤ 150%: 1S, ≥150% : Immediate Shutdown

Typical Recharge Time: 6 to 8 hours (to 90% capacity)

THD: <2% (linear load), <5% (non-linear load)

#### Environmental

Operating Temperature: 0 ~ 40°C

Relative Humidity: 0 ~ 95%, No condensation

Noise: <55dB

Altitude: <1500m

#### Standards

Safety: IEC/EN62040-1, IEC/EN60950-1

EMC: IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3,  
IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8

#### Others

Communication: RS232, USB, Relay card (optional),  
SNMP card (optional)

Display: LCD indicates Load/Battery/Input/Output

Alarm: AC failure, Low battery, Overload, Fault