

เครื่องสำรองไฟฟ้า

# CLEANLINE

UPS

True On-Line Double Conversion Design



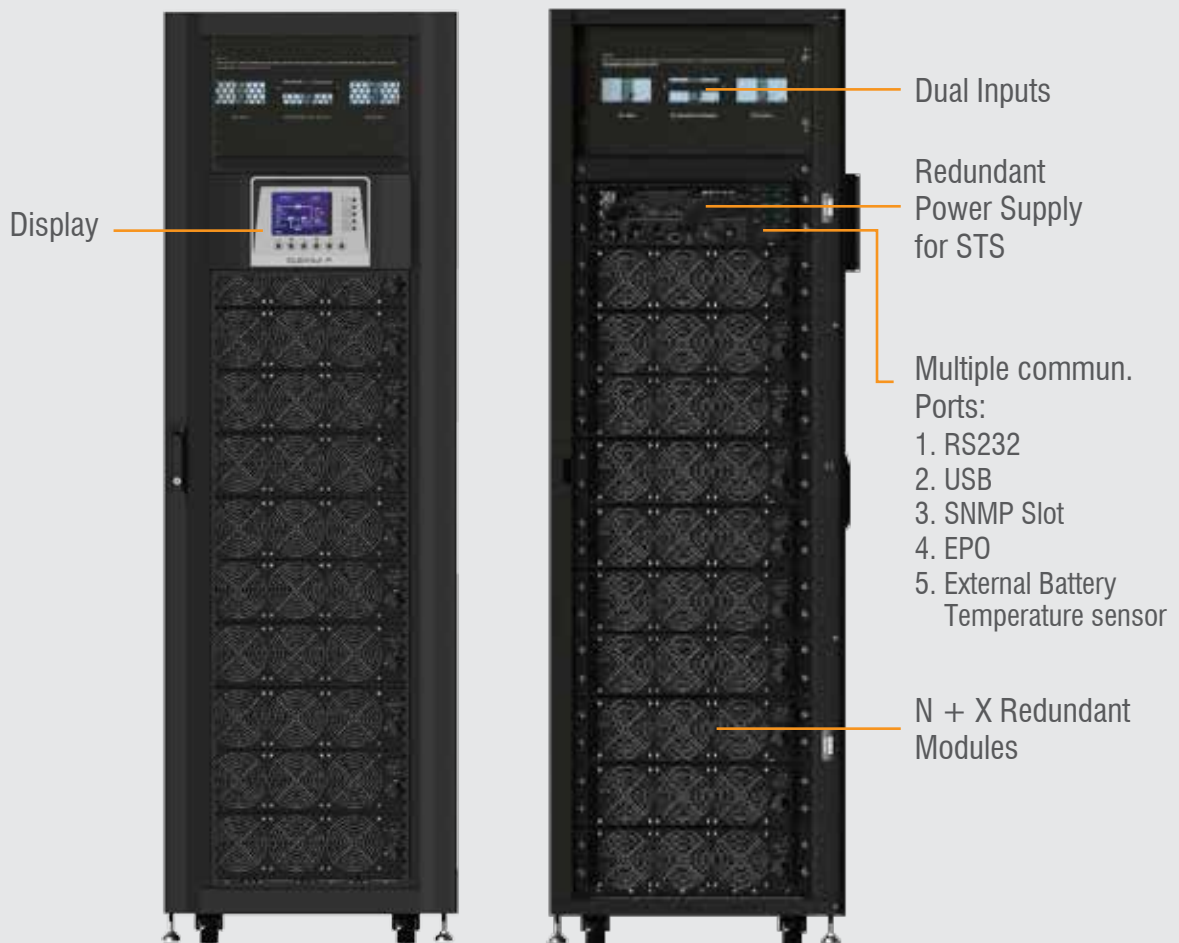
## Main Features

- High efficiency online double conversion technology
- IGBT technology
- High scalability
- Unity output power factor
- Modular design lowers MTTR
- N+1 or N+X parallel redundancy for power guarantee
- Ease of installation and maintenance
- Flexible battery configuration adapts different applications
- Adjustable charging current
- High overload capability
- Graphic 5.7" LCD design for easy management

## Power Model

<b>UP-30K</b>	30kVA/30kW
<b>UP-60K</b>	60kVA/60 kW
<b>UP-90K</b>	90kVA/90kW
<b>UP-120K</b>	120kVA/120kW
<b>UP-150K</b>	150kVA/150kW
<b>UP-180K</b>	180kVA/180kW
<b>UP-210K</b>	210kVA/210kW
<b>UP-300K</b>	300kVA/300kW

## UPPower Total Redundant Solutions:



- **High efficiency online double conversion technology**

UPPower is applied with aniline double conversion technology to reach its high performance over 94.5% at 5% load. It significantly reduces overall Total cost of Ownership (TCO).

- **High scalability**

DSP control provides an improved solution with high performance. Integrated with modular design and parallel technology, UPPower simplifies future power expansion.

- **Unity output power factor**

UPPower delivers unity output power (kVA=kW) providing the maximum power capacity to mission critical loads. It satisfies the requirements of the latest servers and optimizes IT investment with every penny.

- **Flexible battery configuration adapts different applications**

Battery numbers can be adjusted flexibly. It will adapt different power demands and shorten system downtime. Battery voltage can be set from 32 to 40 pieces per string.



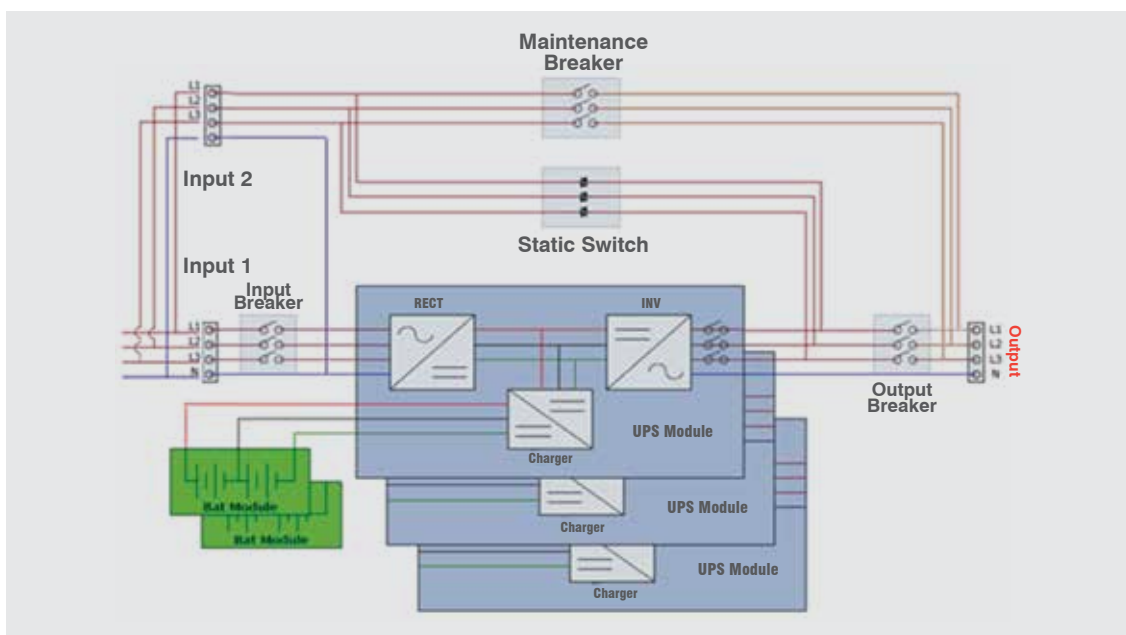
- **N+1 or N+X parallel redundancy for power guarantee**

Scalable architecture allows you to optimize cost expense to meet power demands by vertically expanding in a single rack enclosure from 30kVA to 300kVA and achieve N+1 or N+X redundancy in the same rack.

- **Ease of installation and maintenance**

Built-in maintenance bypass assures continuous power to critical loads during UPS maintenance. Besides, to facilitate installation and maintenance, all panel control and connectors are from accessibility.

- **Wire Connection**



- **Highly reliable operation with redundant power supply in STS**

UPPower provides 2 power supplies in STS, ensuring no risk of shutdown.



- **User-adjustable charging current**

UPPower provides maximum 8A or 6A charging current for every power module and it's user-adjustable based on requirement.

- **High overload capability**

UPPower supports, 110% overload for 60 minutes, 125% for 10 minutes, and 150% for 1 minute.

- **Graphic 5.7" LCD design for easy management**

Designed for easy management, the intuitive design of 5.7" graphic LCD display enhances the readability of identified and advanced configuration.



- **Modular design lowers MTTR**

Modular design is applied in power module, STS module and battery module. It will simplify maintenance and replacement with low MTTR (Mean Time To Repair).

