

We will find a product or make a new one

Standalone UPS

PLMT SERIES 3/1



New full-range double conversion UPS

High-density, true double-conversion on-line power protection for IT (Information technology) and OT (operation technology) applications. Capable of supporting loads from 6 to 20kVA in a compact tower form with 3 Phase input and Single phase output

This latest range of UPS comes with a future-proof connectivity design having the capability to connect to the cloud seamlessly to allow the monitoring of the UPS online through any internet-connected device. To ensure users' information is safe and protected, this connectivity is compliant with IEC standard cybersecurity.



Ethernet port



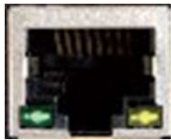
APP

Optional



On Cloud monitoring

Optional



Cloud port



WLAN dongle



NMC card

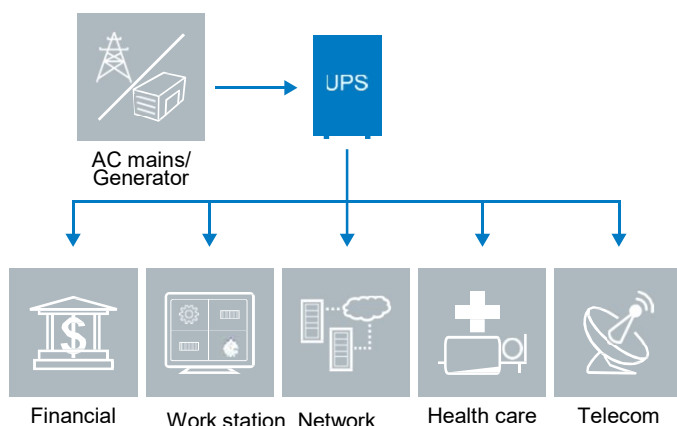
Add on Options

- 2 Source input
- <3% Input THDi with harmonic filter
- Various voltage settings for different countries
- Removing input neutral at site
- Fusible Surge Suppression (AC/DC)
- Redundant Fans
- Cabinet color can be chosen from RAL codes
- Cable Entry (Top/side/bottom/rear)
- Ingress Protection: up to IP66
- RS485, TCP, SNMP and GSM Communication
- Automatic Battery Test
- Touch Panel with Mimic Diagram
- Parallel up to 4 units
- DC Load supply

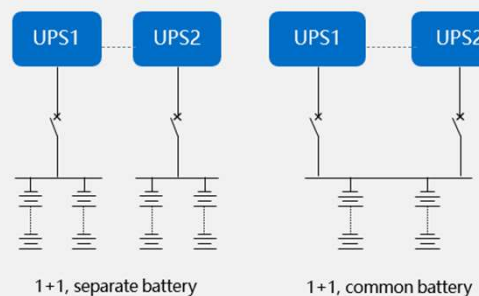
GENERAL SPECIFICATIONS FEATURES

- Input and Output 50Hz, 60Hz, frequency optional.
- On Non-linear loads (computer and switching power supplies) excellent performance
- Intelligent Power Module or IGBT technology full reliability.
- DSP (Digital Signal Processor) control.
- Low Output distortion factor.
- High efficiency.
- Audible alarm
- User-friendly control panel

- Redundant parallel operation
- Potential free output voltage
- Full redundant control architecture
- Very fast dynamic response time
- Output short circuit proof
- Low voltage ripple to prolong battery life time
- Intelligent battery charge and monitoring control
- Lithium Ion Battery charging options ready and available



Separate and common battery solution available



- PLT provides separate battery solution and common battery solution.
- Saving **50%** cost by common battery solution.

MODEL	5kVA	6kVA	10kVA	15kVA	20kVA
INPUT					
Nominal voltage	380/400/415Vac, (3Ph+N+PE)				
Operating voltage range	207~485Vac				
Operating frequency range	40Hz-70Hz				
Power factor	≥0.95				
Harmonic distortion (THDi)	≤3% (100%non-linear load)				
Bypass voltage range	230Vac Max.voltage: +25%(optional +10%,+15%,+20%)				
Generator input	Support				
OUTPUT					
Output voltage	230Vac (3Ph+N+PE)				
Voltage regulation	±1%				
Power factor	0.9				
Output frequency	1.Line Mode: synchronize with input; when input frequency > ±10% (±1%/±2%/±4%/±5% optional) 2.Battery Mode:50/60*(1±0.02%)Hz				
Crest factor	3:1				
Harmonic distortion (THD)	≤2% with linear load ≤4% with non linear load				
Efficiency	95.5%				
BATTERY					
Battery voltage	192VDC- 16 Battery				
Charge Current(A) (charge current can be set according to battery capacity installed)	Max.2A		Max. 3A	Max. 5A	Max. 5A
SYSTEM FEATURES					
Transfer time	Utility to Battery : 0ms; Utility to bypass: 0ms				
Overload	Load≤110%: last 60min,≤125%: last 10min,≤150%: last 1min				
Alarm	overload, utility abnormal, UPS fault, battery low, etc.				
Backfeed	Support				
Protection	short circuit, overload, over temperature, battery low, fan fault alarm.				
Communication	USB,RS232, RS485, Parallel port, REPO port, LBS port, Backfeed port, Intelligent slot, SNMP card (optional), Relay card (optional)				

ENVIRONMENTAL

Operating temperature	0°C~40°C			
Storage temperature	-25°C~55°C(no battery)			
Humidity range	0~95% (non condensing)			
Altitude	< 1500m.When>1500m,lower the rated power for use			
Noise level	<58dB	<60dB	<62dB	<63dB

PHYSICAL

Dimension D×W×H (mm)	533*260*501
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STANDARDS

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