



## MEDIPOWER UPS (10KVA to 400kVA)

The MediPower UPS series is a medium/high power UPS that delivers secure power while providing first class load protection and maximum energy saving for medium-large data centers and mission critical applications. The latest high efficiency ECO mode enables operating efficiency up to 98% without sacrificing availability. It is designed with full IGBT three-level double conversion technology, providing extraordinary savings on installation and running costs, while at the same time delivering first class load protection.

### Advanced Technology:

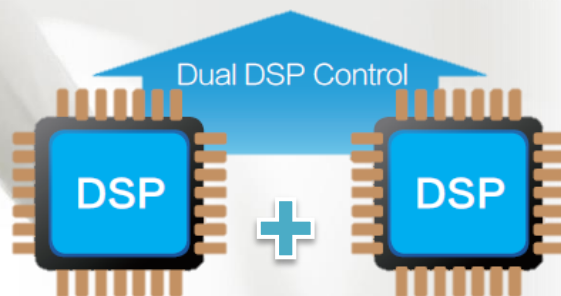
- Online double conversion
- Wide input voltage range
- IGBT inverter and output isolation transformer
- Advanced battery charging management
- Advanced no-master-slave parallel technology (optional)

### Excellent Flexibility:

- High reliability DSP control
- Intelligent fan speed control
- Full protection function
- ECO mode and EPO function
- Efficiency 98% at ECO-mode
- 10,000 events logs
- Battery self-test function
- 12 Pulse rectifier (optional)
- Bypass isolation transformer (optional)

### Green & Reliability:

- Allow 100% three phase unbalance load
- Intelligent RS232/RS485 & DB9 dry contact communication port
- DC cold start function (optional)
- Intelligent battery monitor system-MMBM (optional)
- MODBUS & SNMP adapter (optional)



Dual DSP control technology enables faster data processing as well as improving the reliability

### Applications:

- Computer room
- Data center
- Precision instrument
- Intelligent equipment
- Industrial application

# TECHNICAL SPECIFICATIONS

MODEL	MediPower 10K-TT	MediPower 20K-TT	MediPower 30K-TT	MediPower 40K-TT	MediPower 60K-TT	MediPower 80K-TT	MediPower 100K-TT	MediPower 120K-TT	MediPower 160K-TT	MediPower 200K-TT	MediPower 250K-TT	MediPower 300K-TT	MediPower 400K-TT
<b>INPUT</b>													
Voltage(Vac)	380/400/415±25%												
Rectifier Frequency(Hz)	40~70												
SYNC Frequency Tracking(Hz)	50/60±10%(±5% optional)												
Phase	3φ 4W+PE												
<b>OUTPUT</b>													
Capacity (KVA)	10	20	30	40	60	80	100	120	160	200	250	300	400
Power Factor	0.9 (0.8/1.0 optional)												
Phase	3φ4W+PE												
Voltage (Vac)	L-N: 220/230/240±1%, L-L:380/400/415±1%,												
Frequency(Hz)	50/60±0.2 (battery mode)												
Waveform	Pure sine wave, THD≤2% (linear load)												
Overload	125% load for 10mins, 150% load for 1 min												
<b>BATTERY</b>													
Voltage (Vdc)	348 (360 optional)										384 (348/360/372 setting)		
BATT Type	External												
Charging Current(A)	10~40A setting										10-100A setting		
<b>OTHER</b>													
Maintenance Bypass	Yes												
Communication Interface	RS485/MODBUS ( dry contacts / SNMP is optional)										RS232/RS485 (dry contacts /SNMP is optional)		
Display	Touch screen + LED												
Alarm	Overload, abnormal AC input, low battery, UPS failure												
Protection	Low battery, overload, over temperature, short circuit, output over voltage, output low voltage												
Noise (dB)	< 65										< 70		
Working Temperature	0 ~ 40°C												
Relative Humidity	0 ~ 95%, No condensation												
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												
Performance	IEC/EN62040-3												
Dimension (W×D×H)mm	500×600×1180			500×800×1600			700×800×1800			1400×1000×1850		1600×1000×1850	
Weight(kg)	230	250	300	400	450	520	600	650	825	1280	1568	1830	2050

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

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