

**ONLINE UPS SYSTEM
60-500KVA(3:3)**



**AVO HIGH POWER
TTI 50000**

Application:

Computer/critical servers/data center/hub & other network device/LAN/WAN.

FEATURES

- High efficiency, up to 96%
- HIGH POWER DENSITY
- High input PF>0.99; Input current THDi<3%
- Parallel Upt0 1500kVA
- Multi-protection, over-temperature protection with 8 sensors, over-load, battery under voltage, fan failures, short-circuit
- Battery cold start
- Battery management with smart charging control, greatly extend the battery life
- Modular design of subsystem, convenient for field
- Friendly operation interface, color touch LCD screen

TECHNICAL SPECIFICATIONS

MODEL	TTI50060	TTI50080	TTI50090	TTI50100	TTI50120	TTI50150	TTI50200	TTI50250	TTI50030	TTI50400	TTI50500
Capacity	60kVA	80kVA	90kVA	100kVA	120kVA	150kVA	200kVA	250kVA	300kVA	400kVA	500kVA
INPUT											
Phase	3Phase+N+PE,380V/400V/415V(line to line)										
Voltage range	304-478Vac (line-line), full load; 228V-304Vac (line-line), load decrease linearly according to the min phase voltage										
Frequency range	40-70Hz										
THDi	<3%(Full linear load)										
Power factor	>0.99										
OUTPUT											
Voltage	380V/400V/415V(line to line)										
Voltage regulation	±1.5%										
THDu	<1% [linear load], <5.5%(non-linear load)										
Power factor	0.9										
Frequency range	50/60HZ										
Frequency precision	0.01%										
Overload capability	110% for 60 min; 125% for 10 min;150% for 1 min;>150% for 200 ms										
BATTERY											
Voltage	±240VDC										
Charge power	20%System Power										
Voltage precision	1%										
SYSTEM											
Normal Efficiency	95%	96%	95%	96%	95%						96%
Battery	95%	96%	95%	96%	95%						96%
Display	Color LCD touch screen+ LED+ Keyboard										
IP class	IP20										
Interface	Standard: RS232, RS485,USB, Dry contact(programmable) Option: SNMRAS400, Parallel kt, Battery cod start(standard for 250kVA above), Lightning protection components, Dust filter, LES										
Operation/storage	0-40°C/-40-70°C										
Relative humidity	0-95%(non-condensing)										
Noise	68dB @ 100% load, 65dB @ 45% load						72dB @100% load, 69dB @ 45% load				
PHYSICAL											
Weight(kg)	170	210	231	210	256	305	350	445	490	810	900
Dimension(W*D*H)(mm)	600*980*950	500*980*1150	500*980*1400	600*980*1150	600*980*1400	650*960*1500	650*960*1600	650*960*2000	550*960*2000	1300*1100*2000	1300*1100*2000

- All specifications are subject to change without prior notice.
- Custom-made specifications are acceptable.