

TOSHIBA

UNINTERRUPTIBLE POWER SYSTEM

3000 TP Series

3000^{TP}
SERIES UPS

**POWER
ELECTRONICS
DIVISION**



POWERING TOMORROW WITH MODULAR PRECISION AND RELIABILITY TODAY

The 3000 TP Series UPS delivers reliable, next-generation power protection for critical UPS applications. This true online double-conversion UPS leverages advanced 7th-generation CSTBT IGBT technology, providing high efficiency and robust performance in a compact, modular, space-saving footprint. Available in scalable capacities from 40kW to 200kW, this system balances industry-leading reliability with a design built for maximum uptime and value.

Optimized for a Variety of Critical Power Applications



Edge Data Centers



IT Systems



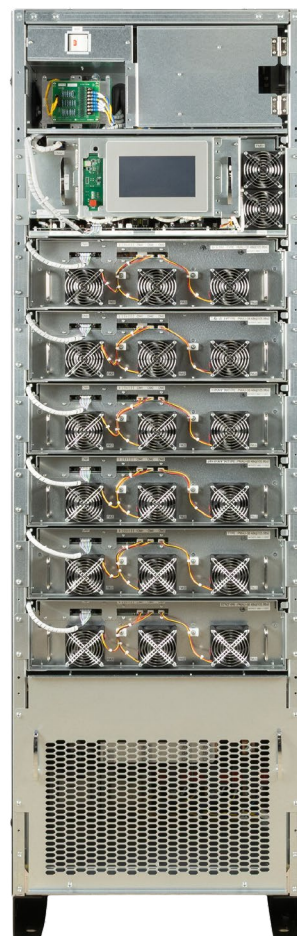
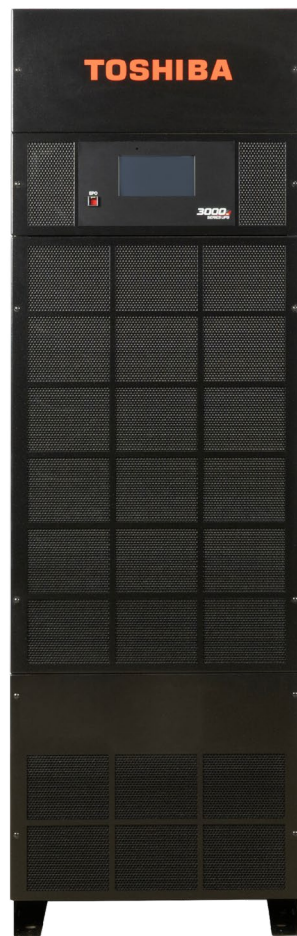
SMBs



Commercial



Healthcare



- 1 Unity Power Factor**
 Delivers full usable kW for high-density, performance-driven IT environments
- 2 Ultra-High Efficiency**
 Up to 96.5% double-conversion efficiency for lower energy and cooling costs
- 3 Hot-Swappable Modules**
 40 kW modules can be hot-swapped in or out without interrupting the critical load
- 4 Scalable Architecture**
 42U rack designed for growing power demands
- 5 SCiB™ Lithium-Ion Compatibility**
 Compatible with all Energy Storage Systems, including Toshiba SCiB™ advanced lithium-ion technology.

3 THREE YEAR WARRANTY

UNITY POWER FACTOR

Unity power factor delivers 100% real power from rated UPS capacity, maximizing usable output for critical equipment. Transformer-less true double conversion provides continuous, clean power protection with higher efficiency and a smaller footprint.

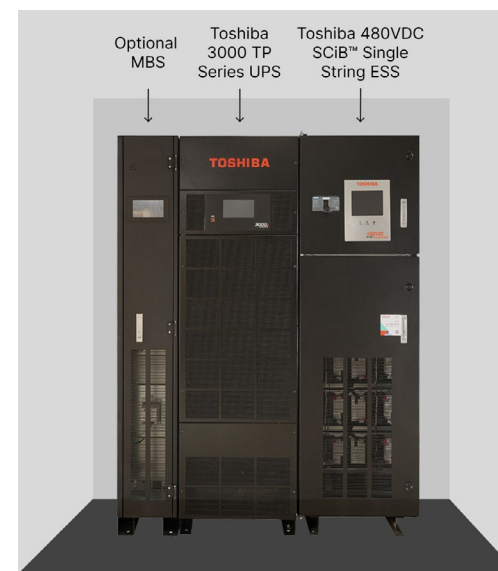
MODULAR, SCALABLE & HOT SWAPPABLE

The modular design allows for easy scalability to match growing power demands, hot-swappable modules simplify maintenance and keep systems online with minimal disruption.



SMALL FOOTPRINT (0" REAR CLEARANCE)

The 3000 TP Series offers total front access and requires zero rear clearance, allowing installation directly against walls or in tight spaces without compromising serviceability.



The 3000 TP features a 23.5" width and integrates with the Toshiba MBS and 480VDC SCiB™ ESS for a total system footprint of 59" inches.

SUPPORTS ADVANCED TOSHIBA SCiB™ (LI-ION)

Compatible with Toshiba SCiB™ Energy Storage Systems (ESS), the UPS delivers longer runtimes, faster recharge, and reduced maintenance compared to traditional VRLA solutions.

HIGH EFFICIENCY (96.5%)

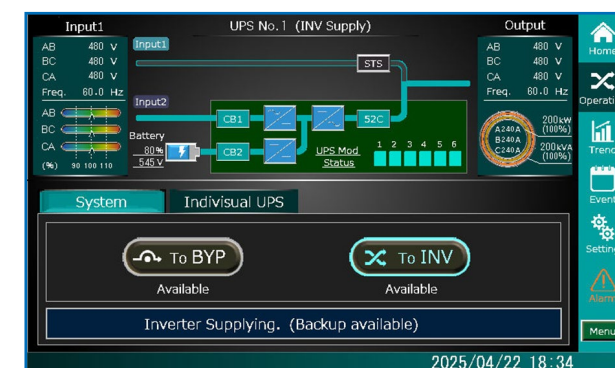
A 96.5% high efficiency reduces energy loss and lowers operating costs, making it an environmentally friendly and cost-effective solution for critical power applications.

N+1 REDUNDANCY

The N+1 redundancy supports up to 200kW N+1 and delivers continuous operation even if one module fails, minimizing downtime and maximizing system reliability for critical loads.

HMI LCD TOUCH SCREEN

The HMI (Human-Machine Interface) provides a user-friendly display for real-time monitoring and control, simplifying operation and system management.

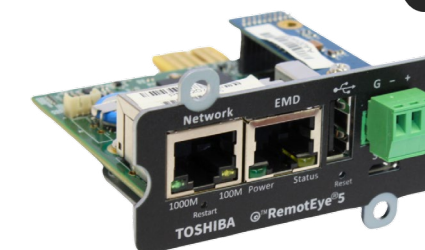
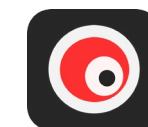


REMOTEEYE® IIOT NETWORK CARD

The RemotEye® network card delivers advanced IIoT capabilities for seamless remote UPS monitoring.

Features:

- Built-in machine learning for intelligent UPS load forecasting
- Embedded web server
- Automatic event notifications via email
- Data logging
- Fast 1Gbps ethernet interface



3000 TP Series 480 Models Specification

Rated Output	40 kVA/kW	80 kVA/kW	120 kVA/kW	160 kVA/kW	200 kVA/kW	200 kVA/kW (N+1)
AC INPUT						
Configuration	Three Phase, 3W + G Dual Input (Factory Config. Single)					
Voltage	480V (+15% to -20%) (-5% without battery)					
Frequency	60 Hz (+/-10%)					
Power Factor	>0.99 @ full load					
Max Input Current	53 A	105 A	158 A	211 A	265 A	265 A
Nom. Input Current	48 A	96 A	144 A	192 A	241 A	241 A
BATTERY						
Type	Toshiba SCiB™ (Li-ion), VRLA, other					
Nominal Voltage	480 VDC					
Min / Final Voltage	360V – 400V					
Float Voltage	525V – 600V					
Max Charge Current	11 A	22 A	33 A	44 A	55 A	55 A
Max Discharge Current	578 A					
AC OUTPUT						
Configuration	Three Phase, 3W + G					
Voltage	480V					
Voltage Regulation	< ±1% (balanced); < ±3% (unbalanced)					
Rated Output Current	48 A	96 A	144 A	192 A	241 A	241 A
Frequency	60 Hz (tracks bypass) +/-0.01% free run					
AC-AC Efficiency	96.50%					
Crest Factor	2.3:1					
Voltage THD	< 2% linear load; < 5% non-linear load					
Voltage Unbalance	2% maximum at 100% unbalanced load					
Inverter Overload	105-125% for 10 min; 126-150% for 60 sec					
ENVIRONMENTAL						
Cooling	Forced air, Front to top					
Operating Temp.	32°F to 104°F (0°C to 40°C)					
Relative Humidity	5% – 95% Non-Condensing					
Altitude	7283ft (2220m) max (derate >1000m)					
Clearance Required	Top: 16 in; Front: 36 in; Rear/Sides: 0 in					
Audible Noise	< 70 dB @ 1 m					
DIMENSIONS						
System Dim. WxDxH	23.5 x 33.5 x 78.5 in (597 x 850 x 1994 mm)					
Weight lbs. (kg)	740lbs. (335kg)	845lbs. (384kg)	950lbs. (431kg)	1055lbs.(479kg)	1160lbs.(527kg)	1265lbs.(574kg)
MONITORING						
Interface	RemotEye® 5 IIOT Network Card, EPO, Bluetooth, Wave Capture					
Display	Touchscreen HMI					
CERTIFICATIONS						
Listings/Standards	UL 1778; cUL; IEC-62040-1; FCC Part 15 B					

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Uninterruptible Power Systems - SCiB™ Energy Storage Systems - Remote Monitoring

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