



UPS TOSHIBA

CATÁLOGO DE PRODUCTOS



3 AÑOS DE GARANTÍA

Tres años en partes electrónicas; Dos años en remplazo de baterías completas.
Para más detalles lee la garantía Toshiba para UPS monofásicas.



TIC END-TO-END SOLUTIONS FOR CRITICAL POWER SYSTEMS



Toshiba International Corporation (TIC) provides a full range of Uninterruptible Power Systems (UPS) designed to meet the challenging demands of Data Center/IT, Healthcare/Emergency Equipment, and complex configurations of Industrial Plant Industries.

Available Toshiba UPS include:

- Single-Phase: 1 to 22 KVA
- Three-Phase: 15 to 2,000 KVA
- Three-Phase Input, Single-Phase Output: 15 to 50 KVA
- Parallel Up to 12,000 KVA

INDUSTRIES SERVED

Data Center
Industrial
Commercial
Emergency/Healthcare

SINGLE-PHASE APPLICATIONS

Computer Systems
Server Rooms
Voice/Data Network Closets
Edge Data Centers
Point of Sale Equipment
Banking Systems
Retail Back Office Systems
School System Computer Rooms
Medical Labs
Light Industrial

Toshiba UPS units are designed for maximum power quality, efficiency, and reliability and include the convenience of a small footprint, maintenance support, and ease of operation.

Each Toshiba UPS is equipped with a serial communication port and dry contacts. The serial port can be driven by Toshiba's RemotEye® network interface card allowing remote monitoring over Ethernet TCP/IP and RS-485 networks. Dry contacts provide input and output signals for external interfaces. Additional dry contacts are available in separate wall mounted relay enclosures.

Power distribution options include maintenance bypass panels, power distribution units, and remote power panels (RPP). Three-Phase models are available with OSHPD Special Seismic Certification pre-approval (OSP). Toshiba UPS units are compatible with VRLA or flooded batteries to offer application specific runtimes. Toshiba's new SCiB® lithium ion energy storage solutions are available for specific UPS models.

All UPS models come with a full three-year warranty backed by Toshiba's 24/7 technical support. Preventative maintenance and maintenance agreements are available on all UPS products. All Toshiba UPS systems are voltage/frequency independent (VFI), true on-line double-conversion units, providing conditioned power during inverter and battery operation. For more information call sales and service at 877-867-8773.

END-TO-END SOLUTIONS AND DICE360

The TIC Power Electronics Division (PED) is committed to the creation of End to End solutions across all markets demanding UPS critical power support. TIC's manufacturing capabilities, vendor partnerships, and industry expertise enables PED to provide equipment through all phases of the power stream from utility down to the load itself.



ALL MARKETS

Toshiba designs, manufactures, and supplies exceptional energy storage, monitoring, and electrical distribution solutions that are tailored to the needs of any critical power application.



DATACENTER

Toshiba's G9000 & SCiB systems deliver pinnacle performance and power using one of the smallest footprints in the market today.



COMMERCIAL

Toshiba offers a wide range of UPS products to help protect mission critical equipment for commercial markets such as retail, medical, and media/communication companies. Units range in sizes from 1 kVA to 100 kVA and offer a reliable and robust true online double conversion UPS that deliver continuous and high quality power with no transfer time to battery.



EMERGENCY

Toshiba offers single and three-phase UPS solutions for computer backup systems, controls and critical data systems that are essential in the Healthcare Industry.



INDUSTRIAL



Toshiba's 5000 Series 3P1 unit pushes the boundaries of UPS performance standards in petrochemical and oil & gas industries. Our 5000 Series N3R unit is suitable for indoor and outdoor applications, protecting the UPS from environmental contaminants and temperature ranges from -10°C to 50°C without the need of cooling or heating equipment.



SCiB™ SOLUTIONS

SCiB ENERGY STORAGE SYSTEM

SCiB Energy Storage System (ESS) is designed to include Toshiba's SCiB Lithium Ion Battery providing unparalleled durability, longevity, and return on investment.

The SCiB ESS surpasses traditional VRLA solutions in a variety of ways:

- Significantly Improved Power Density Translating to Reduced Enclosure Footprint
- Wider Allowable Operating and Storage Temperatures Provide Versatility and Climate Control Savings
- Near Zero Self Discharge Allows Over a Year of Storage Time Without Recharge or Damage
- 20 Year Maintenance-Free Battery Module Service Life Eliminates the Risk and Cost of Repetitive Battery PMs and Replacement
- No Loss of Runtime Over the Course of Service Life
- Integrated Cell-Level Battery Monitoring Ready for Connection to All Industry Standard Building Monitoring Systems



E1000 ENERGY MANAGEMENT SYSTEM

The E1000 Series Energy Management System is the Toshiba solution to go beyond simply providing uninterrupted power to a critical load and give control of power flow to the customer. Featuring a bi-directional inverter, grid-tied circuit, and capability to integrate with photovoltaics and SCiB battery cabinet, the E1000 delivers the power conditioning of a UPS along with money saving technologies like peak-shedding and generating power back onto the grid.



DC2500 RACKMOUNT SOLUTION

The DC2500 Series Energy Storage System brings the reliability of the SCiB Modules into the rack space. With space at a premium cost, the high density lithium cells provide excellent ROI for a rack mounted battery device. Each 3U battery module contains 2.54kWh capacity which can be expanded up to a total of 45kWh controlled by a single 3U host controller module. For a rackmount carbon-less battery solution with integrated battery monitoring, the DC2500 is ideal.





SINGLE-PHASE POWER SOLUTIONS

Toshiba Uninterruptible Power Systems (UPS) features a specialized suite of single-phase UPS products renowned for reliable and efficient power supply protection and monitoring. Conveniently available in both tower and rack mount designs, Toshiba single-phase UPS products supply clean and uninterrupted power to critical systems powering data centers, telecommunications, retail, healthcare, broadcasting, and industrial applications.

T1000 SERIES UPS

- 1-3 kVA, 5.2 kVA, and 6 kVA Capacity
- Tower and Rackmount Form Factors; Built for Both Under-Desk or Server Rack Applications
- Internal, Hot-Swappable Batteries
- Three-Year Warranty



1600XPI SERIES UPS

- 3.6-22 kVA Capacity
- Designed for Commercial and Small Data Center Applications
- Internal, Hot-Swappable Batteries
- Integrated Output Isolation Transformer for Common Mode Noise Attenuation
- Optional Output Receptacle Panels for a Wide Variety of Single-Phase Equipment
- Three-Year Warranty





HIGH CAPACITY THREE-PHASE POWER SOLUTIONS

The Toshiba G9000 Series Uninterruptible Power System (UPS) utilizes state-of-the-art design and construction to deliver industry-leading efficiency, reliability, performance, and flexibility to meet today's critical power demands. With its next generation Silicon Carbide topology, the G2020 is one of the most efficient double-conversion UPS on the market with less space per kilowatt than any similar capacity UPS. It delivers the utmost in design flexibility and can provide the ideal solution, regardless of the user's backup power needs.

G9000 SERIES - HIGH EFFICIENCY UPS

- 80-2000 kVA Capacity
- Designed for Data Center Applications
- Industry-Leading Efficiency and Power Density
- Parallel Configurations for Redundancy or Additional Capacity
- Three-Year Warranty



G2020 SERIES ULTRA-HIGH EFFICIENCY UPS

- 500-750 kVA Capacity
- Designed for Data Center Applications
- Next-Generation Silicon Carbide Technology Provides Unmatched Efficiency and Component Longevity
- Parallel Configurations for Redundancy or Additional Capacity
- Three-Year Warranty





MEDIUM CAPACITY THREE-PHASE POWER SOLUTIONS

The Toshiba 4400 Series uninterruptible power system (UPS) is the next-generation three-phase UPS. The double-conversion, all insulated-gate bipolar transistor (IGBT) 4400 Series UPS features a digitally controlled IGBT input rectifier, an intelligent low harmonic pulse-width modulation (PWM) output, state-of-the-art electronic battery isolation circuitry, and an easy to navigate local touchscreen interface. The small footprint and total front access mechanical design requires zero rear clearance and includes features such as top, bottom, and/or side cable entry, standard sized air filter provisions, and lockable keyed doors. The 4400 Series UPS Systems may be ordered in a pre-designed and certified configuration to meet the rigorous UL924 Standard for emergency lighting applications.

4400 SERIES UPS

- 15-100 kVA Capacity
- Designed for Commercial and Small Data Center Applications
- Configurable with Internal Input/Output Transformers or Internal Batteries
- Small Footprint Enclosure for Both UPS and Matching Ancillary Gear, Allowing Low Profile Three-Phase Systems.
- Three-Year Warranty



UL924 - EMERGENCY LIGHTING UPS

- 25 kVA Capacity
- Designed for Emergency Lighting Applications Requiring UL924 Certification
- Full UPS, MBS, and 90 Minute Battery Backup in Each System as Defined by UL924 Requirements
- Superior Power Quality Versus Traditional Distributed Lighting Backup Systems
- Three-Year Warranty



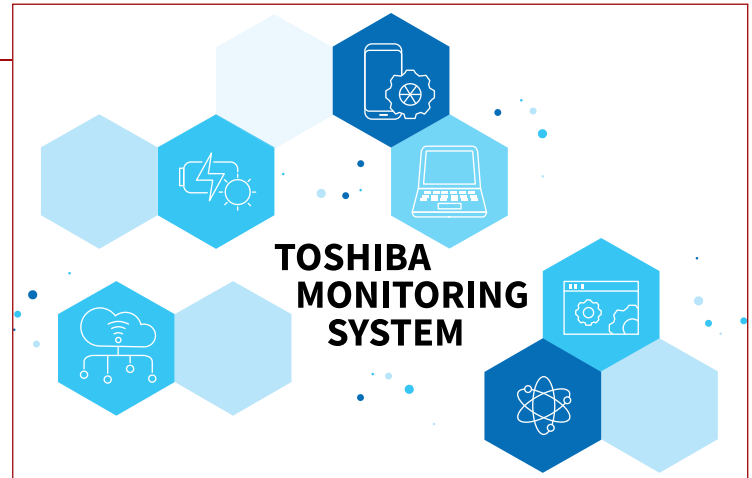


SERVICE AND MONITORING SOLUTIONS

The final element of Toshiba's "DICE 360" promise is the 360 degrees of coverage for critical power equipment during its service life. This is assured by Toshiba's robust network monitoring technologies, including a commitment to being at the edge of IoT integrated power devices, and widespread service networks, ensuring consistent maintenance and prompt repairs.

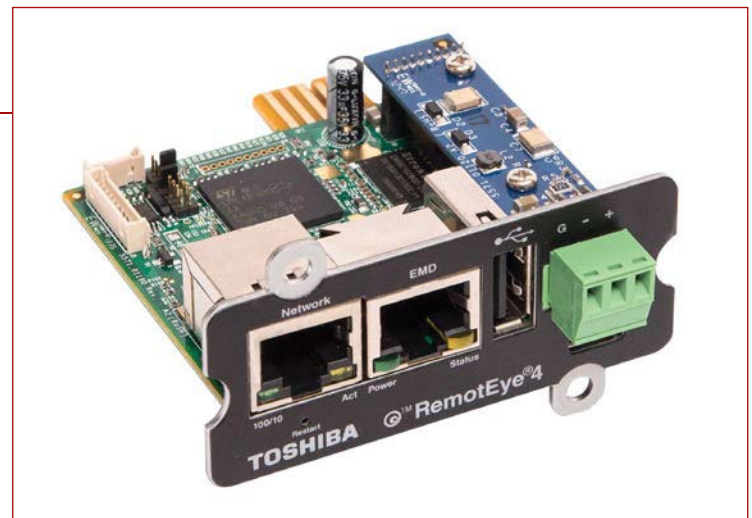
TOSHIBA MONITORING SYSTEM

- Uses RemotEye 4 & RemotRadar Cloud Platform (RCP) to add a powerful IoT layer to your monitoring solution
- Communicates via MQTT, a lightweight and secure data transfer protocol
- Allows real-time tracking of UPS health by Toshiba Experts
- Instant Fault Detection
- UPS Data Analytics



NETWORK MONITORING REMOTEYE® 4

- Allows Integration of UPS into Building Network for Monitoring and Control
- Compatible with All Common Industrial & IT Network Protocols: Modbus® TCP/RTU, BACnet®, IP/MSTP, and HTTP/S
- EMD Option Allows RemotEye to Monitor Temperature and Humidity
- RemotRadar® Software Enables Real Time Monitoring of up to 5,000 RemotEye Devices
- Three-Year Warranty



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