

Fuji Electric UPS7000HX-T3U (300, 400, and 500kVA) 480V 3-phase 3-wire Uninterruptible Power System (UPS)

Engineered Like No Other.

For nearly 90 years, Fuji Electric has been manufacturing products for mission critical applications including data centers, power plants, and hospitals. Our breakthrough innovations with power electronics technologies have led to the development of our large-capacity UPS, which provides unparalleled efficiency and superior reliability. Based on decades of development and manufacturing experience, Fuji Electric's UPS7000HX-T3U is the latest generation of UPS product equipped with our own patented components for optimal performance when it counts the most.

Sustainable Double Conversion UPS

- Lowest utility costs for Double Conversion UPS
- Lowest Total Cost of Ownership in this kVA range for Double Conversion UPS
- Utilizes latest generation, state-of-the-art IGBTs

Flexible

- 300kVA and 400kVA UPS are field upgradeable
- Open architecture for convenient service and maintenance
- Supports 3rd party battery monitoring systems
- Distributed parallel design means our UPS system can grow as you grow



*400kVA Model Shown

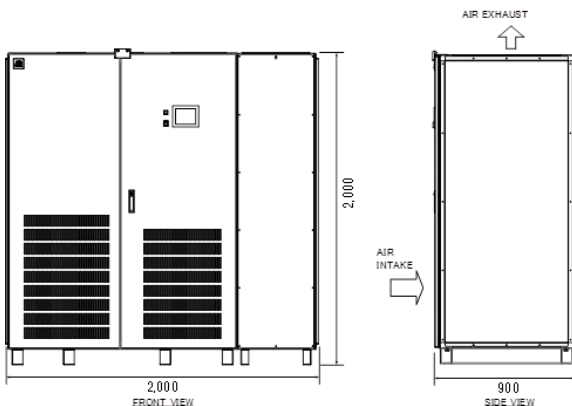


Efficient

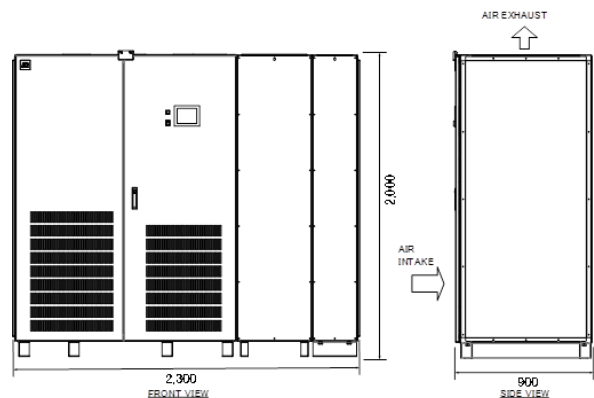
Superior efficiency of 97% is achieved with a 3-phase 3-wire (Y) true on-line, double conversion UPS system

- Utilizes Fuji Electric's patented RB-IGBT* and advanced 3-level IGBT technology
- Transformer-less design

*RB-IGBT: Reverse Blocking Insulated Gate Bipolar Transistor



300kVA (Fixed Capacity), 400kVA (Fixed Capacity)



300kVA (Field Upgradeable), 400kVA (Field Upgradeable), 500kVA

Specifications

System Rating kVA(kW)		300(300)	400(400)	500(500)
Upgradable Capacity kVA(kW)		400(400) : 500(500)	500(500)	N/A
General Specifications				
UPS Technology		Online Double Conversion		
AC-AC Efficiency		Up to 97.4%	Up to 97.5%	Up to 97.5%
Input AC Specifications				
Power Factor		>0.99 at full load		
Nominal Input Voltage VAC		480 V, 3-wire (Y) + Ground		
Input Voltage Range VAC		480 V (Input \pm 10%, -25%, Bypass \pm 10%)		
Frequency Range		60 Hz (Input \pm 10%, Bypass \pm 1%)		
Nominal Input Current (A)	Fixed Capacity	372	496	620
	Field Upgradable	496 : 620	620	
Maximum Input Current (A)	Fixed Capacity	409	546	682
	Field Upgradable	546 : 682	682	
Output AC Specifications				
Nominal Output Current (A)	Fixed Capacity	361	481	601
	Field Upgradable	481 : 601	601	
Power Factor Rating		1.0		
Loads Supported		0.95 Leading to 0.8 Lagging without derating		
Battery				
Technology		Valve Regulated Lead Acid (VRLA)		
Rated Voltage		480V DC (240 Cells)		
Nominal Voltage		540V DC (240 Cells, 2.25V per cell)		
Physical Specifications				
UPS Dimensions (WxDxH) in.(mm)	Fixed Capacity	78.7(2,000)x35.4(900)x78.7(2,000)		90.6(2,300)x35.4(900)x78.7(2,000)
	Field Upgradable	90.6(2,300)x35.4(900)x78.7(2,000)		
UPS Weight lb. (kg)	Fixed Capacity	4,080(1,850)		4,189(1,900)
	Field Upgradable	4,189(1,900)		
Monitoring Specifications				
Dry Contacts		10 Signals (7 are Programmable)		
UPS Monitoring Optional:		Web/SNMP, Modbus		
Environmental Specifications				
Operating Temperature Range °F (°C)		32° to 104° (0° to 40°)		
Storage Temperature Range °F (°C)		5° to 131° (-15° to 55°)		
Audible Noise		75dBA		
Safety Certification		UL 1778 5th Edition, CSA 22.2 107.3		

Fuji Electric Corp. of America

50 Northfield Ave
 Edison, NJ 08837
 T 732-560-9410
 F 732-457-0042
 www.americas.fujielectric.com

