

7011B DATA SHEET 6, 8, 10, 12 KVA



Ideal for IT closet applications.

The 7011B UPS from Mitsubishi is a true on-line, double conversion single phase UPS that will protect your equipment from disruptions in power, such as brown-outs, line noise, voltage transients, and power outages.

The 7011B provides the most complete protection for voltage-sensitive equipment. Utilizing a space saving footprint and transformerless technology, the 7011B is an ideal backup solution for individual computers, small networks, communications systems, security systems, and point of sales systems.

Available in 6, 8, 10, and 12 kVA sizes with internal batteries, with the option of adding external battery cabinets for longer runtimes, the 7011B is simple to start up, operate, and maintain.

ABOUT US

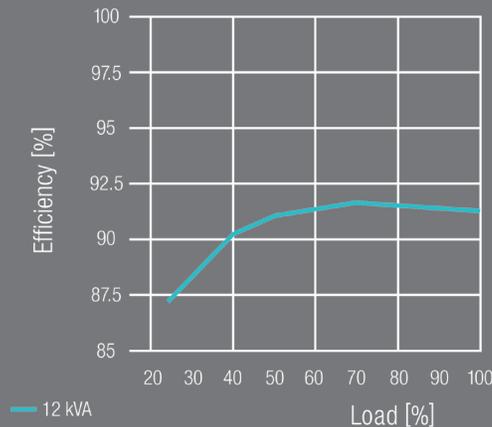
Since 1964, Mitsubishi Electric has manufactured precision-engineered, high quality uninterruptible power supplies to protect its customers' mission critical equipment during times of power instability. Mitsubishi Electric leads the industry in designing and manufacturing reliable, environmentally friendly UPS systems to extend uptime, prevent data loss and protect against power surges. Mitsubishi Electric Power Products' UPS division offers systems in both single- and multi-module configurations and a broad range of kVA capacities, from 6 kVA to over 2 MVA.

OUR SERVICES

With more than 250 certified technicians in the field, Mitsubishi Electric offers around the clock protection, keeping your operations safe against outages, grid decay and other crucial threats to the flow of business. Offerings include routine maintenance checks, priority demand on parts and service, and 24/7 communication with experienced technical support staff. Comprehensive maintenance inspections include UPS diagnostic reports, complete battery testing, and site hazard checks to keep your systems running at maximum efficiency. Other services include factory witness testing and collaborative engineering. With their highly skilled technicians, day and night technical support, and premier equipment, Mitsubishi Electric has the resources to keep customers safe from the unexpected.

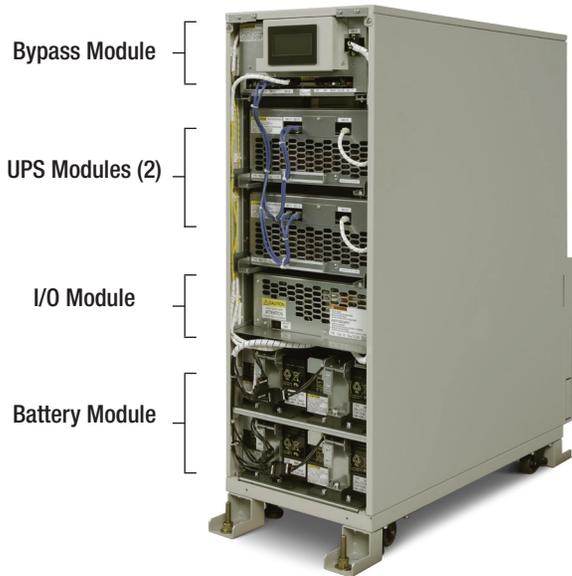
FEATURES & BENEFITS

- Space saving footprint
- True on-line double conversion
- Up to 91.5% efficient
- Transformer-less design using full IGBT power electronics LCD touchscreen display



Load %	6kVA	12kVA
25	86.7	87.4
40	89.4	90.1
50	90.6	90.9
75	91.3	91.4
100	91.2	91.1

	6kVA	12kVA
MTBF[hr]	84,289	69,034



Optional Distribution Panel
(On Rear)



Optional Maintenance
Bypass Switch



7011B w/ Optional External
Battery Cabinet

NOTE: Above illustrations are not to scale.

	7011B			
Rated Output kVA	6	8	10	12
Rated Output kW	4.2	5.6	7	8.4
AC INPUT				
Configuration	1 phase 3 wire			
Voltage	240/120V, 208/120V			
Frequency	50/60Hz +/- 5%			
Power Factor	.98 Lagging			
Reflected Current THD	4% typ. at 100% load; 7% typ. at 50% load			
BATTERY				
Type	VRLA			
Backup Time	10 minutes	18 minutes	18 minutes	10 minutes
Nominal Voltage	216 Vdc			
Minimum Voltage	173 Vdc			
Number of Cells	108			
AC OUTPUT				
Configuration	1 phase 3 wire			
Voltage	240/120V, 208/120V			
Voltage Stability	+/-2% steady state			
Voltage Unbalance	2% typical at 100% unbalanced load			
Voltage THD	2.5% typical THD at 100% linear load 5% THD at 100% non-linear load			
Transient Response	+/-5%			
Transient Recovery Time	50 ms			
Frequency	50/60 Hz			
Frequency Regulation	+/-0.05% in free running mode			
Phase Displacement	1deg Typical at 100% load			
Power Factor	0.70			
Power Factor Range	0.7 to 1.0 lagging (within output kW rating)			
Overload Capacity	150% for 1 minute			
ENVIRONMENTAL				
Cooling	Forced Air			
Operating Temperature	32°F to 104°F (0°C to 40°C). Recommended 59°F to 77°F (15°C to 25°C)			
Relative Humidity	30% to 90% non condensing			
Altitude	0 to 3300 feet no derating			
Location	Temperature-controlled, indoor area free of conductive contaminants			
Clearance Required	Top: 23.5 in. Front: 39.2 in. Rear: 23.5 in.			
GENERAL				
Weight (lbs)	298	496	496	496
Dimensions (WxDxH)	13.8 x 29.9 x 27.8 (in)	13.8 x 29.9 x 40.6 (in)	13.8 x 29.9 x 40.6 (in)	13.8 x 29.9 x 40.6 (in)
Heat Rejection (kBTU/Hr)	1.4	1.9	2.4	2.8

IT'S TIME TO RETHINK YOUR UPS.

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