

## MegaRAID® Battery Backup Reference



LSI offers a family of MegaRAID® battery backup units for use with our high-performance MegaRAID storage adapters. These backup units protect the integrity of the cached data by providing power if there is a server failure or complete AC power failure. The industry-exclusive MegaRAID transportable battery backup units (TBBUs) offer an additional layer of fault tolerance by protecting data in cache during adapter field replacement.

### MegaRAID BBU Family

MegaRAID PRODUCT		LSIBBU01	LSIBBU02	LSIBBU03	LSIiBBU01	LSIiBBU05	LSIiTBBU01	LSIiTBBU02	LSIiTBBU03	LSIiBBU06	LSIiBBU07
		LSIBBU01-F	LSIBBU02	LSIBBU03-F	LSI00012-F	LSI00143	LSI00009-F	LSI00046-F	LSI00157	LSI00160	LSI00161
SCSI 320-1	LSI00026-F LSI00105 LSI00103	√									
SCSI 320-1LP	LSI00107	√									
SCSI 320-2	3202064 LSI00032		√								
SCSI 320-0X	LSI00028 LSI00028-F			√							
SCSI 320-2X	320X2128-F			√							
SCSI 320-2E	LSI00008-F						√				
SAS 8308ELP*	LSI00051-F				√						
SAS 8300XLP	LSI00115			√							
SAS 8344ELP*	LSI00118 LSI00058 LSI00058-F LSI00116				√						
SAS 8408E	LSI00048 LSI00048-F							√			
SAS 8480E	LSI00049 LSI00049-F							√			
SAS 8704ELP	LSI00144					√					
SAS 8708ELP	LSI00141					√					
SAS 8708EM2	LSI00158									√	
SAS 84016E*	LSI00137				√						
SAS 8888ELP*	LSI00142					√			√		
SAS 8880EM2	LSI00159										√
SATA 150-6	1506064	√									
SATA 300-4XLP*	LSI00119				√						
SATA 300-8X	LSI00005-F				√						
SATA 300-8XLP*	LSI00042-F				√						

\*The Intelligent Battery Backup Unit for these controllers comes with an expansion cable for remote connection. Since server and workstation chassis vary from vendor to vendor, there is no standard mounting option that addresses all the desired applications. Therefore, the battery kit contains the battery and cable, allowing users to customize the location of the battery for the most flexibility within various environments.

## MegaRAID Battery Backup Units (BBU)

Add-on modules that protect against data loss in the event of a server or power failure by providing emergency power to the cache memory. When power is restored, the data not yet written to the hard drives can be retrieved from cache memory.

- LSIBBU01
- LSIBBU02
- LSIBBU03

LSIBBU01 (Front)



LSIBBU01 (Back)



## MegaRAID Intelligent Battery Backup Units (iBBU)

Add-on modules that offer all the features of the BBUs with the added functionality to automatically charge the battery pack and communicate with the host system the battery status, such as voltage, temperature and capacity.

- LSiBBU01
- LSiBBU05
- LSiBBU06
- LSiBBU07

LSiBBU01 (Front)



LSiBBU01 (Back)



## MegaRAID Intelligent Transportable Battery Backup Units (iTBBU)

Add-on modules that offer all the features of the BBUs and iBBUs with the added benefit of portability. In the event that a catastrophic failure occurs on the host controller, the iTBBUs allow the cache memory to be transferred from one system to another without any data loss or corruption.

- LSiITBBU01
- LSiITBBU02
- LSiITBBU03

LSiITBBU02 (Front)



LSiITBBU02 (Back)



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**North American Headquarters**  
Milpitas, CA  
T: +1.866.574.5741 (within U.S.)  
T: +1.408.954.3108 (outside U.S.)

**LSI Europe Ltd.**  
**European Headquarters**  
United Kingdom  
T: [+44] 1344.413200

**LSI KK Headquarters**  
Tokyo, Japan  
T: [+81] 3.5463.7165

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