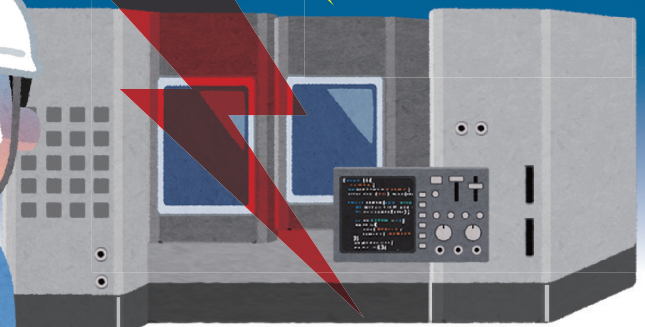
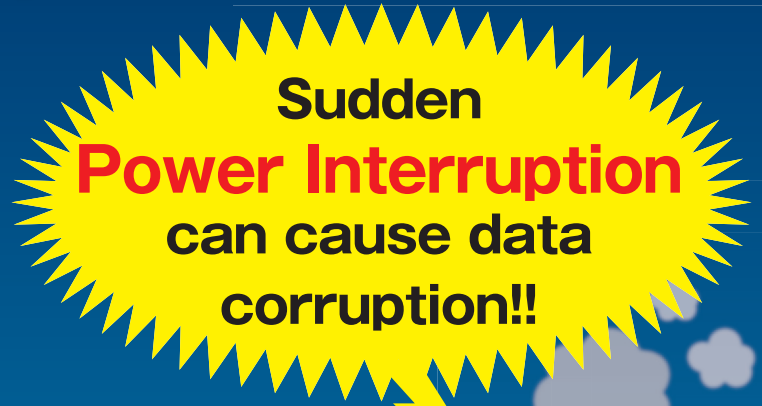


# Any countermeasure for sudden power failure?

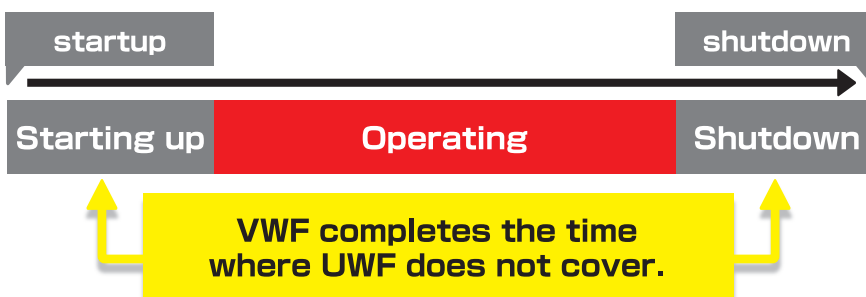


The feature of **UWF** in Windows® 10 is not to deal with sudden power failure, but to extend SSD life by reducing write operation.



**Solve this problem with our SSD!!**

VWF tool is effective with UWF on Windows® OS.



	Prolongation	Power failure
UWF	○	△
UWF VWF	○	○

# SSD with VWF function

VFW function is embedded in SSD's FW.

It can prevent OS data corruption together with UWF.

Use the configuration tool to enable or disable VWF function.

## CFast (3D NAND)



Flash Memory		TLC	MLC mode	SLC mode
Capacity		60 GB to 240 GB	40 GB to 320 GB	20 GB to 160 GB
Host Interface		SATA 6.0Gbps		
Operating Voltage		3.3V±5%		
Operating Temperature Model	Commercial Temperature Model	0°C to 70°C		
	Wide Temperature Model	-40°C to 85°C		

## 2.5-inch SATA SSD (3D NAND)



Flash Memory		TLC	MLC mode	SLC mode
Capacity		60 GB to 960 GB	40 GB to 640 GB	20 GB to 320 GB
Host Interface		SATA 6.0Gbps		
Operating Voltage		5V±10%		
Operating Temperature Model	Commercial Temperature Model	0°C to 70°C		
	Wide Temperature Model	-40°C to 85°C		

## mSATA (3D NAND)



Flash Memory		TLC	MLC mode	SLC mode
Capacity		60 GB to 240 GB	40 GB to 320 GB	20 GB to 160 GB
Host Interface		SATA 6.0Gbps		
Operating Voltage		3.3V±5%		
Operating Temperature Model	Commercial Temperature Model	0°C to 70°C		
	Wide Temperature Model	-40°C to 85°C		

## M.2 2242 (3D NAND)



Flash Memory		TLC	MLC mode	SLC mode
Capacity		60 GB to 240 GB	40 GB to 320 GB	20 GB to 160 GB
Host Interface		SATA 6.0Gbps		
Operating Voltage		3.3V±5%		
Operating Temperature Model	Commercial Temperature Model	0°C to 70°C		
	Wide Temperature Model	-40°C to 85°C		

**HAGIWARA Solutions**

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