

# UN 38.3 Declaration of Conformity

We,  
Eaton Industries Manufacturing GmbH  
Rue de la Gare 2  
1345 Le Lieu  
Switzerland

declare under our sole responsibility as the manufacturer of product xStorage, that

## xStorage Residential Battery Pack

*types within the range on page 2*

provided that it is transported, maintained and used in the application intended for, with respect to the relevant manufacturer's instructions, installation standards and "good engineering practices"

meets the requirements of the regulation for transportation of lithium-ion cells and batteries, UN 38.3 legislation:

The Test 1 to 5 and Test 7 of UN 38.3 has been passed as per regulation requirement:

No.	Test Item	Description	Result
Test 1	Altitude simulation	- No leakage (If $M < 1g$ , less than 0.5%, If $1g \leq M \leq 75g$ , less than 0.2%, If $M > 75g$ , less than 0.1%), venting, disassembly, rupture and no fire. -Measuring mass before/after each test.	Passed
Test 2	Thermal test		Passed
Test 3	Vibration		Passed
Test 4	Shock	-Measuring voltage before/after each test. (more than 90%)	Passed
Test 5	External Short Circuit	-No disassembly, rupture and fire within six hours of this test -Max. temperature should not exceed 170°C	Passed
Test 7	Overcharge	-No disassembly and fire within seven days of the test.	Passed

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Sébastien Chambon  
Engineering Manager



Fabrice Roudet  
Product Line Manager



Powering Business Worldwide

The declaration of conformity applies to the following types within the product family:

xStorage Residential			
Power Rating	Battery Capacity	Product Description	Part Number
3.6kW	4.2kWh	XST 1Ph 3.6 kW 4.2 kWh Gen1 Blue	XSTH1P0361UBUEV1
4.6kW	4.2kWh	XST 1Ph 4.6 kW 4.2 kWh Gen1 Blue	XSTH1P0461UBUEV1
6.0kW	4.2kWh	XST 1Ph 6.0 kW 4.2 kWh Gen1 Blue	XSTH1P0601UBUEV1
3.6kW	6.0kWh	XST 1Ph 3.6 kW 6 kWh Gen2 Blue	XSTH1P0362NBUEV1
4.6kW	6.0kWh	XST 1Ph 4.6 kW 6 kWh Gen2 Blue	XSTH1P0462NBUEV1
6.0kW	6.0kWh	XST 1Ph 6.0 kW 6 kWh Gen2 Blue	XSTH1P0602NBUEV1
3.6kW	10.08kWh	XST 1Ph 3.6 kW 10 kWh Gen4 Blue	XSTH1P0364NBUEV1
4.6kW	10.08kWh	XST 1Ph 4.6 kW 10 kWh Gen4 Blue	XSTH1P0464NBUEV1
6.0kW	10.08kWh	XST 1Ph 6.0 kW 10 kWh Gen4 Blue	XSTH1P0604NBUEV1