**Manufacturer’s Statement for CT sampling**

Battery storage systems operate by reacting to changes. Reaction time is necessary, and all systems work on best tolerance levels which cannot be 100%.

Shenzhen Lux Power Technology Co., Ltd hereby declares that the external grid CT clamp has a sampling accuracy of less than 100 Watts (bi-direction : could be export or import), therefore if you see grid export or import 0 Watt showing in Lux monitoring page, and your smart meter may show import or export 0~100 Watts, this is a normal sampling tolerance of the external grid CT clamp .

To reduce the sampling error, it is possible to adjust the CT offset to low the import or export power readings to introduce compensation to any offset of readings. However, some lesser tolerance may still occure since the CT sampling is real and there is consumption and reactive power requirement of the inverter side. The CT offset will only take effect when the inverter is working in charge and discharge mode, therefore if the inverter is in standby mode, the CT tolerance will remain.

When this issue occurs in your site , you can contact your installer to adjust CT offset parameter to limit discrepancies, you can then compare the readings from your smart meter with the Lux monitoring page and tell if the adjustment works.

Shenzhen Lux Power Technology Co., Ltd

Signature:

Date: