

Upgraded Application Note Huawei Smart String ESS LUNA2000-5/10/15-S0 Battery Thermal Management System – Smart Heating System

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Description

In extreme low temperature scenario, the charging rate of the ESS decreases or even stops. To solve this problem, the Huawei Smart String ESS LUNA2000-5/10/15-S0 utilizes a built-in smart heating system. This document describes the smart heating system, and the information in this update is not related to logic, but related parameters and some descriptions.

Application Solution	LUNA2000-5/10/15-S0 Battery Thermal Management System (BTMS) – Smart Heating System
Solution Description	The built-in smart heating system will increase the temperature of battery cell.
Solution Configuration	Work Process: Under Max Self-consumption work mode, the built-in battery thermal management unit will only consume the PV energy during the daytime (Shown below).



