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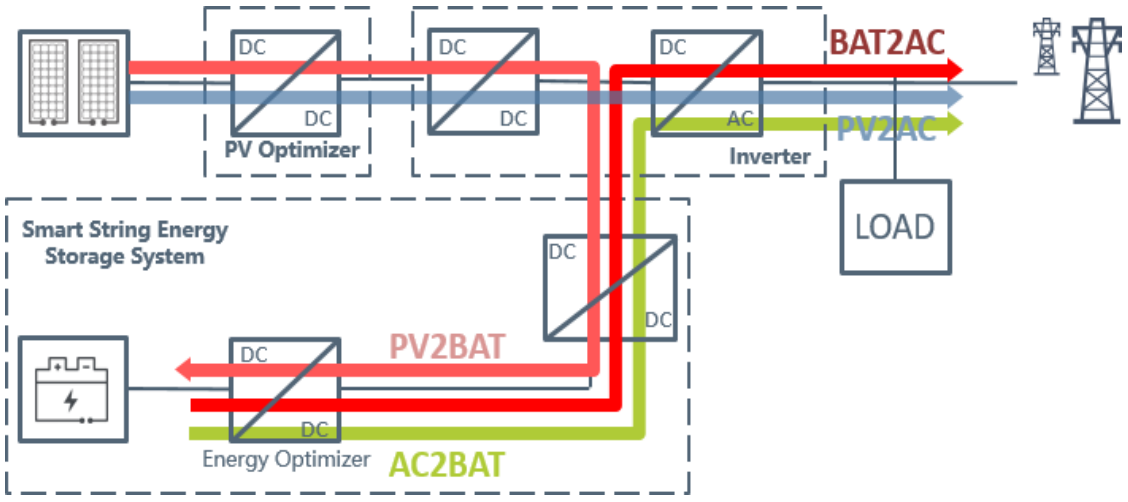
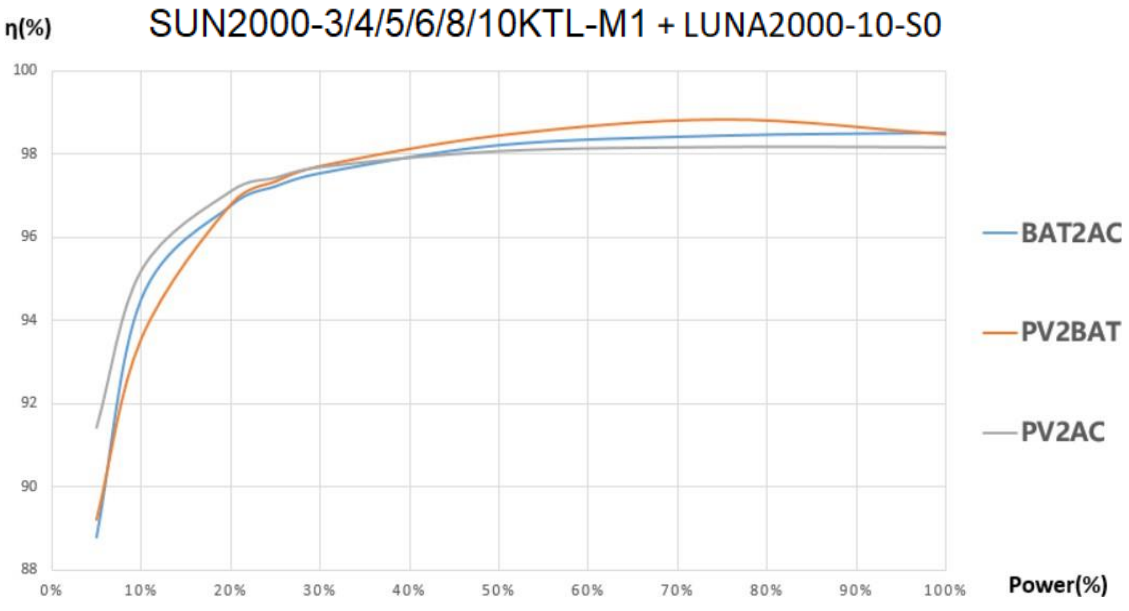
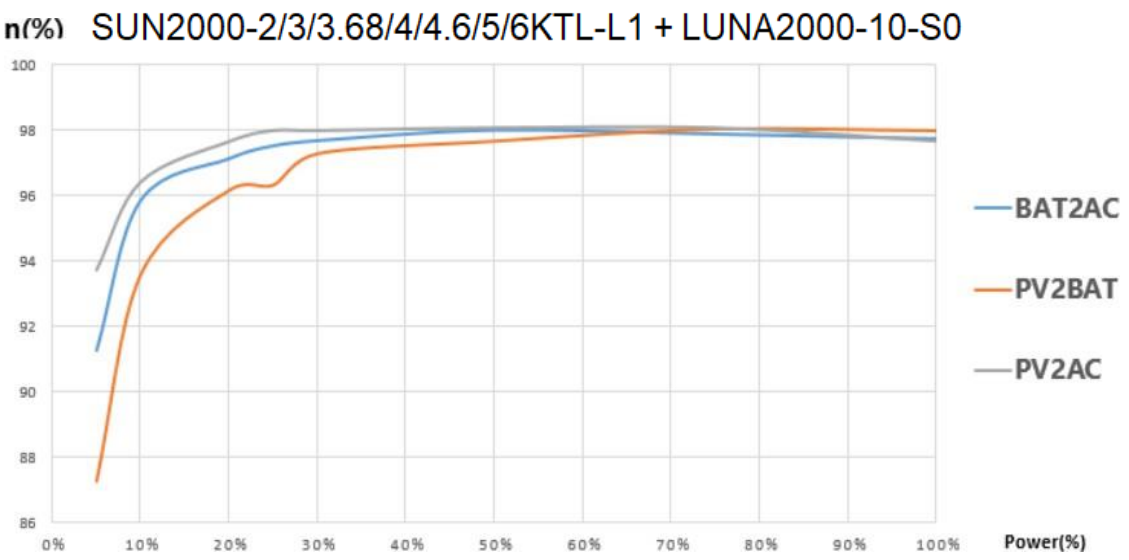
Application Note-Energy Efficiency of Smart String Energy Storage System LUNA2000

Revision History

Version 1.0 March 4, 2022 – Initial release

Application Solution	Energy Efficiency of Smart String Energy Storage System LUNA2000
Solution Diagram	Technical Data according to the efficiency guideline for PV Storage Systems Test detail: Inverters: SUN2000-2/3/3.68/4/4.6/5/6KTL-L1, SUN2000-3/4/5/6/8/10KTL-M1 Inverter Test Conditions: Standard Test EnvironmentBattery Storage System: LUNA2000-10-S0 Battery Test Conditions: Standard Test Environment 
Solution Configuration	



Euro Efficiency For SUN2000-2/3/3.68/4/4.6/5/6KTL-L1, SUN2000-3/4/5/6/8/10KTL-M1 +LUNA2000-10-S0	
Calculating Formula for Euro Efficiecny: Euro Eff = 0.03 x Eff5% + 0.06 x Eff10% + 0.13 x Eff20% + 0.1 x Eff30% + 0.48 x Eff50% + 0.2 x Eff100%.	
Result	92.24% (BAT2AC)

Solution Notes	This document only shows the test result of energy efficiency of LUNA2000 system on 24 Feb 2022 Please contact our local support for more details