

Application Note- FusionSolar Residential Inverter Nighttime Power Consumption

Revision History

Version 1.0 April 30, 2024 – Initial release

Version 1.1 September 30, 2024 – Add MAP0 data

Application Solution	Huawei FusionSolar Residential Inverter Nighttime Power Consumption			
Solution Diagram	These inverters are powered by AC power and the inverter will not shut down because of PID function. Includes:			
	<ul style="list-style-type: none"> ➤ SUN2000-3/4/5/6/8/10KTL-M1 ➤ SUN2000-12/15/17/20/25KTL-M5 ➤ SUN2000-12/15/17/20/25K-MB0 ➤ SUN5000-17/25K-MB0 ➤ SUN2000-5/6/8/10/12K-MAP0 ➤ SUN5000-8/12K-MAP0 			
	Model	SUN2000-3KTL-M1	SUN2000-4KTL-M1	SUN2000-5KTL-M1
	Nighttime Power Consumption	< 5.5W	< 5.5W	< 5.5W
	Model	SUN2000-6KTL-M1	SUN2000-8KTL-M1	SUN2000-10KTL-M1
	Nighttime Power Consumption	< 5.5W	< 5.5W	< 5.5W
	Model	SUN2000-12KTL-M5	SUN2000-15KTL-M5	SUN2000-17KTL-M5
	Nighttime Power Consumption	< 5.5W	< 5.5W	< 5.5W
	Model	SUN2000-20KTL-M5	SUN2000-25KTL-M5	
	Nighttime Power Consumption	< 5.5W	< 5.5W	
	Model	SUN2000-12K-MB0	SUN2000-15K-MB0	SUN2000-17K-MB0
	Nighttime Power Consumption	< 5.5W	< 5.5W	< 5.5W
	Model	SUN2000-20K-MB0		SUN2000-25K-MB0
	Nighttime Power Consumption	< 5.5W		< 5.5W
	Model	SUN2000-5K-MAP0	SUN2000-6K-MAP0	SUN2000-8K-MAP0
	Nighttime Power Consumption	< 5.5W	< 5.5W	< 5.5W
	Model	SUN2000-10K-MAP0		SUN2000-12K-MAP0
	Nighttime Power Consumption	< 5.5W		< 5.5W

	Model	SUN5000-17K-MB0	SUN5000-25K-MB0
	Nighttime Power Consumption	< 5.5W	< 5.5W
	Model	SUN5000-8K-MAP0	SUN5000-12K-MAP0
	Nighttime Power Consumption	< 5.5W	< 5.5W
	(Note: Nighttime Power Consumption is <10 W when PID recovery function activated.)		
Solution Notes	Please contact our local support for more details		