SUN2000-12/15/17/20/25K-MB0

Smart Energy Controller







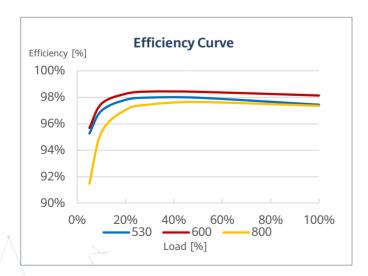


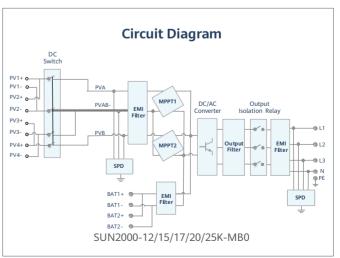
Up to 30% More Energy with Optimizer



2 Battery Terminals;

Compatible with LUNA2000-S0 and S1 $\,$





Technical Specification

		E.C.: .		
98.4 %	98.4 %	98.4 %	98.4 %	98.4 %
97.9 %	98.0 %	98.1 %	98.1 %	98.2 %
		DC Innut		
18 000 14/5	22 500 1/2		30 000 1//2	37,500 Wp
10,000 γγρ	22,500 VVP		ου,υυυ ννρ	37,500 WP
	20 A /+u		ctring)	
	30 A (LV		: string)	
270 \/ ~, 800 \/	410 V ~ 800 V	,	480 V ~ 800 V	530 V ~ 800 V
370 V 1- 000 V	410 V 1 000 V		400 V 12 000 V	330 V 000 V
	Smart String E	nergy Storage Sy	stem Terminal	
		LUNA2000-5/10/15-S0		
	LUNA2000-7/1	4/21-S1 (Available fror	n 30/11/2023)	
		2		
	21 kW (Sir	ngle string) / 25 kW (Tw	o strings)	
13.2 kW	16.5 kW	18.7 kW	22.0 kW	25.0 kW
		26.25 A (per string)		
		600 V ~ 980 V		
		Output		
12.000.144	15 000 147		20,000,144	25 000 144
		,		25,000 W
				27,500 VA
				27,500 W
				20.0 4 / 200 1/
	· ·	,		38.0 A / 380 Vac
	· ·			36.1 A / 400 Vac
				34.8 A / 415 Va
				42.0 A / 380 Va
				39.9 A / 400 Va
10.5 A / 415 Vac	23.1 A / 413 Vac		30.0 A / 413 Vac	38.5 A / 415 Va
	Fe	ature & Protection	on	
PV II / AC III				
Yes				
TYPE II				
Yes, compatible with TYPE II protection class according to EN/IEC 61643-11				
Yes				
		Yes		
Yes				
		Yes		
		General Data		
	JE ∘) °F)	
, ,				
40 / 30 / 2	20 via Jiliait Dullyte-40		tionat, available HUIII 30	111/2023)
5				
	J40 x 400		. J.J IIICII <i>)</i>	
		3		
			•1•.	
3				.)
	EN/	IEC62109-1, EN/IEC6210	19-2	
15004707 15000405	EC61683, EN50530, ABN			0.//IDD TIC 51 '''
	97.9 % 18,000 Wp 370 V ~ 800 V 12,000 W 13,200 VA 13,200 W 18.2 A / 380 Vac 17.3 A / 400 Vac 16.7 A / 415 Vac 20.2 A / 380 Vac 19.1 A / 400 Vac 18.5 A / 415 Vac 4G / 3G / 2	97.9 % 98.0 % 18,000 Wp 22,500 Wp 30 A (tw 370 V ~ 800 V 410 V ~ 800 V Smart String El LUNA2000-7/1 21 kW (Sir 13.2 kW 16,500 W 13,200 W 16,500 W 220 Vac / 380 Vac, 230 18.2 A / 380 Vac 17.3 A / 400 Vac 16.7 A / 415 Vac 20.2 A / 380 Vac 22.8 A / 380 Vac 19.1 A / 400 Vac 23.9 A / 415 Vac 23.1 A / 415 Vac 23.1 A / 415 Vac C Fe Yes, compatible with TYPE Yes, compatible with TYPE 4G / 3G / 2G via Smart Dongle-4G 546 x 460 Opt SUN2000-450W-P2, SUN Standard Complia	97.9 % 98.0 % 98.1 % DC Input	98.4 % 98.4 % 98.4 % 98.1 % 98

Disclaimer: the preceding values are measured by an internal laboratory of Huawei in a specific environment. The actual values may vary with products, software versions, usage conditions,

^{*1} For Thailand, only SUN2000-12K-MB0 & SUN2000-15K-MB0 & SUN2000-20K-MB0 are available.

*2 The maximum input voltage is the upper limit of the DC voltage. Any higher input DC voltage would probably damage inverter.

*3 Any DC input voltage beyond the operating voltage range may result in inverter improper operating.

*4 SUN2000-12~25KTL-MB0 raises potential between PV- and ground to above zero through integrated PID recovery function to recover module degradation from PID. Supported module types include: P-type (mono, poly).