

LIFELYNK VERLINKT

The advanced micro solar system.

Introducing the Lifelynk Verlinkt by Sunsynk Mobile.

The Lifelynk Verlinkt is a powerful micro solar system with storage that is designed for easy installation with a plug-and-play setup.

This user-friendly system is perfect for a variety of applications, including homes, offices, off-grid cabins, and remote locations.

With its wall-mountable or free-standing floor options, the Lifelynk Verlinkt offers flexibility in installation without the need for complex wiring or technical expertise.

The plug-and-play setup ensures a hassle-free installation process, allowing you to start harnessing solar power quickly and easily.



Model	SM2.0kWLV
Battery Input Parameters (DC Input)	
Supported Battery Type	LiFePO ₄
Nominal Battery Voltage (V)	51.2
Battery Input Voltage Range (V)	43.2~57.6
Max. Charge Voltage (V)	60 (Configurable)
Max. Charge Current (A)	20 (Configurable)
Max. Discharge Current (A)	45 (Configurable)
Battery Capacity (Wh)	2048
PV String Input Parameters (DC Input)	
Max. DC Input Power (W)	1000
DC Input Voltage Range (V)	25~55
MPPT Voltage Range (V)	28~45
Start-Up Voltage (V)	30
Max. Input Current (A)	20 x 2 (2 pairs MC4 connector)
AC Output Parameters (Back-Up) (Feed to Essential Load)	
Max. Output Power (W)	2000
Max. Output Apparent Power (VA)	2000
Peak Output Apparent Power (VA)	4000

Model		SM2.0kWLV
AC Output Parameters (Back-up)(Feed to Essential Load)		
Max. Output Current (A)		10
Nominal Output Voltage (Vac)		230
Nominal Output Frequency (Hz)		50
Max. Bypass Current (A)		20
Shift Time (Bypass and Inverter) (ms)		10
Output THDv (Resistor Load)		<3%
AC Input Parameter (On-Grid)		
Max. Input Power (W)		2000
Max. Output Power (W) (Feed to Home Load)		2000 (Limited to 800W)
Max. Apparent Input Power (VA)		2000
Max. Apparent Output Power (VA)		2000 (Limited to 800VA)
Nominal Input / Output Voltage (Vac)		230
Nominal Input / Output Frequency (Hz)		50
Max. Bypass Current (A)		20
Shift Time (Bypass and Inverter) (ms)		10
Dimensions		
Net Dimensions (H x L x W mm)		697 x 540 x 113
Gross Dimensions (H x L x W mm)		843 x 699 x 225
Net Weight (kg)		40.0
Gross Weight (kg)		46.5
Efficiency		
Max. Efficiency		97.6%
Max. Battery to Load Efficiency		94.0%
Europe Efficiency		97.6%
MPPT Efficiency		99.0%
IP		
IP		IP44
Protection		
Integrated		Battery Over-Charge Protection, Battery Low-Voltage Protection, Over-Temperature Protection, Output Short-Circuit, Output Over-Voltage Protection, Output Overload Protection