

Sun Stored, Grid Unleashed

Newsmy



Helios M2000 Balcony Energy Storage System



2016Wh
Battery Capacity



Compatible
with 99% of
Inverters



1500W
Mpppt Input



APP Control
Battery Reserve
Setting



Waterproof
IP65

SPECIFICATIONS

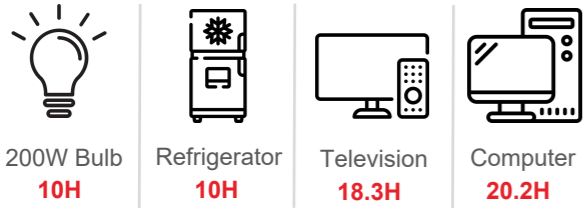
Features	Descriptions
Battery	
Battery Type	LFP
Capacity	2016Wh
Lifecycle	6000 cycles to 80%
Battery voltage platform	3.2V
Single cell capacity	15Ah
Pack type	14 in series 3 in parallel
Input	
Port type	Two sets of MC4 (Female connector is positive, male connector is negative)
Input voltage range	Min 12V to Max 60V
Charging current	Max 23A
No. of connectable solar panels	440W * 4 (2 sets of inputs, each with 2*440W solar panel connectivity)
Output	
Port type	Two sets of MC4 (Female connector is positive, male connector is negative)
Output Voltage Range	Min 25V to Max 51.1V
Rated Output Current	16A
Rated Output Efficiency	96% (Tested by 60V input)
Output Power	400W * 2



Your DREAM Balcony Energy Storage System

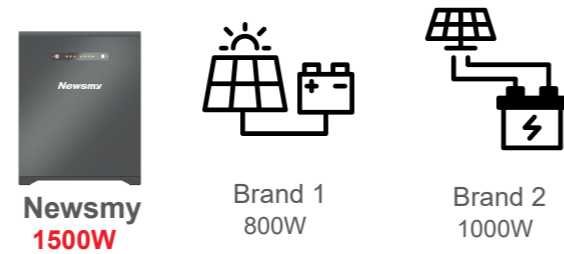
Massive capacity

Helios M2000 is the Ideal Match for 600/800W Micro Inverters with its 2.016kWh Capacity.



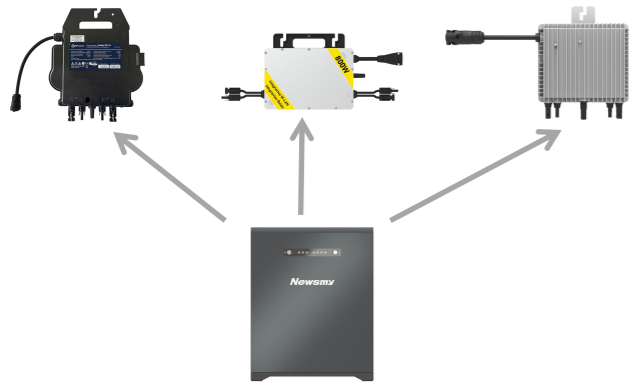
Enormous 1500W MPPT input

No Comparison: Helios M2000 boasts an unmatched MPPT input, setting it apart from other brands.



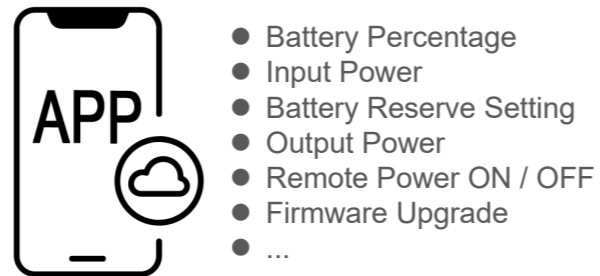
Compatible with 99% of balcony solar system

Whether you have existing solar panels or a micro-inverter, Helios M2000 ensures seamless compatibility, integrating flawlessly with your current setup.



Smarten up your power

Maximize your power's potential with our smart app for remote monitoring, control, and upgrades.



Unmatched durability, enduring lifespan

Experience the longevity of our 6000-cycle LFP battery, providing an exceptional lifespan of up to 15 years.



No installation required

Plug & Play: Just let the M2000 into your existing solar system on the balcony, and it's ready to work seamlessly.



Harness Power, Embrace Longevity

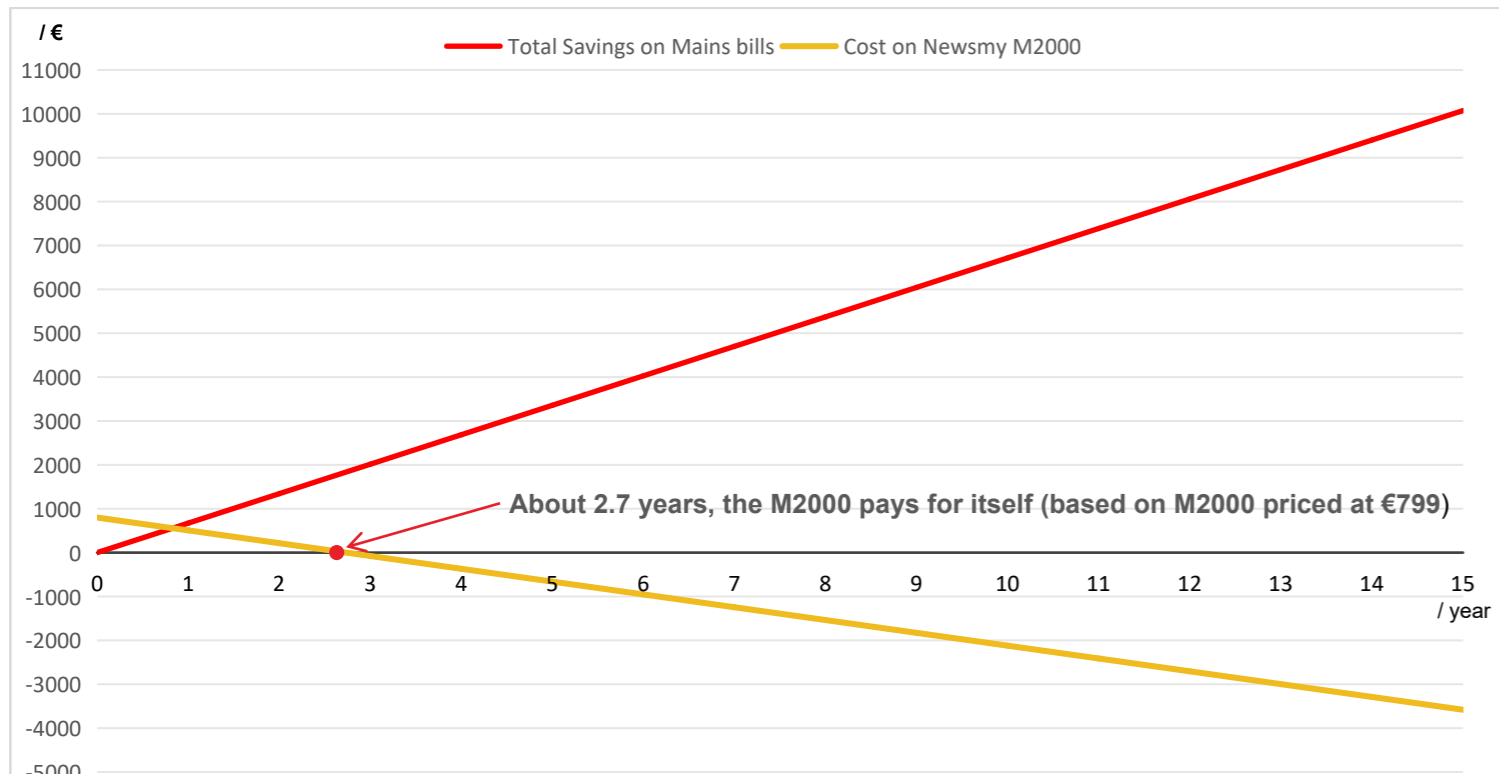


Save On Your Electricity Bills

01 years → 15 years

UP TO **€4380**

Chart on Savings on Main Bills



Disclaimers

1. After testing, considering the conversion and output efficiency, a regular balcony solar system can self-consume approximately 50% of the generated electricity for household use. Adding the Newsmy M2000 can increase the self-consumption rate to 96%.
2. Our M2000 supports 1500W MPPT input. If with full 1200W input during 4 hours of sunlight, it generates about **4.6 kWh** per day (1200W*4*96% of energy efficiency). 2.6 kWh is used for household consumption, and 2 kWh is stored in M2000.
3. In Germany, with average electricity costs of 0.4 €/kWh, the Newsmy M2000 and balcony solar system can save about €1.84 per day (4.6 kWh x 0.4 euros). The M2000 contributes €0.8 to this daily savings. Over a year, the total savings add up to around **€671.6**, with the M2000 contributing **€292**.
4. Considering a lifespan of 15 years, this system can save a total of **€10,074** (671.6 x 15), with the M2000 contributing **€4,380**.
5. If your higher power solar panel supports increased input, we can expand the battery pack accordingly. The M2000 can accommodate 2 additional expansion packs, allowing for control of battery reserve and output power to maximize nighttime usage.

Explore the Key benefits of M2000



Newsmy



Brand 1



Brand 2



Brand 3

Capacity	2.016 kWh	1.6 kWh	0.96 kWh	2.24 kWh
MPPT Input	1500W	800W	800W	1000W
Battery Reserve Setting	Support	Not support	Not support	Not support
Output Power	800W (Selectable)	800W	800W	800W
Annual Sum	730 kWh/year	445 kWh/year	293 kWh/year	817 kWh/year
Bill Savings Per Lifespan	€4380	€2670	€1170	€4902
Compatibility	99% of inverters and solar panel	99% of inverters and solar panel	99% of inverters and solar panel	99% of inverters and solar panel
Installation	Plug & play	Plug & play	Additional tools necessary	Plug & play
Waterproof	IP 65	IP 65	IP 65	IP 65
Expandable Pack	Extra 2	Not support	Extra 3	Extra 2
Price	€899	€999	€1398	€1199