



Smart decisions



Home Energy
Storage Solutions



Why energy storage?

Powerful solutions for home energy storage

Domestic solar energy systems are becoming a vital part of our overall energy picture.

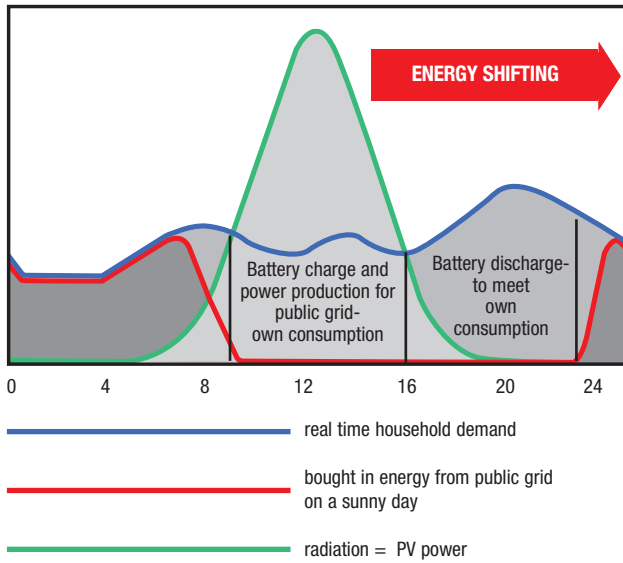
Roof-mounted solar panels create energy instantly from the sun's rays. However, some of this energy is not immediately required and the excess can be saved to battery storage. This surplus energy can be used another time when sun is not shining.

The stored energy can also act as an emergency backup in the case of a mains failure.

When considering domestic solar solutions, battery life and safety features are critical. This is why the EnerSys® solution comes complete with our well proven and advanced Thin Plate Pure Lead (TPPL) battery technology housed in a smart, robust cabinet, providing a safe and secure storage facility.

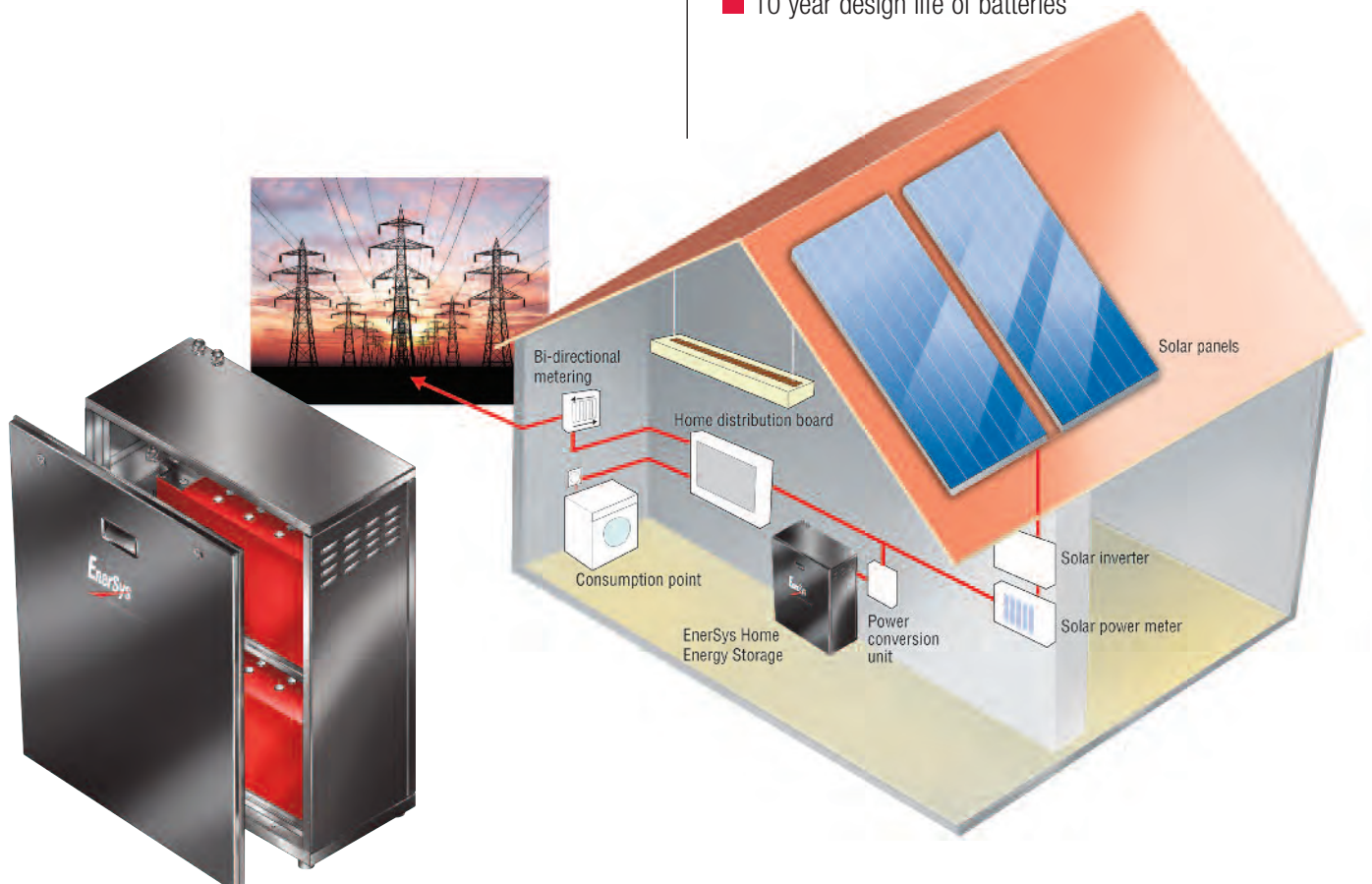


Increase your own direct consumption



Take control of your own energy needs

- Optimise your energy consumption costs, save money
- When PV power is higher than your own consumption, you can charge your battery and use the stored energy later
- Minimise your costly peak power needs by utilising battery storage
- Increase your independence from utility providers - batteries will provide greater autonomy
- Increase your self consumption
- EnerSys TPPL batteries provide extremely fast charge capability
 - ensuring your stored energy is ready when needed
 - minimising charging time
- Compact and secure cabinet facilitates easy handling
- 10 year design life of batteries



	48 V System 9.2	24 V System 9.2	24 V System 4.6
Storage System			
Energy content [kWh]	9.2	9.2	4.6
Nominal voltage [V]	48	24	24
Dimensions L x W x H [mm]	780 x 350 x 1001	780 x 350 x 1001	780 x 350 x 1001
Weight [kg]	300	300	175
Batteries			
Battery Type	pure lead (TPPL)	pure lead (TPPL)	pure lead (TPPL)
Number of blocs	4	4	2
Nominal voltage per bloc [V]	12	12	12
Wiring	4 blocs serial	2x2 blocs parallel	2 blocs serial
Technology	pure lead (TPPL)	pure lead (TPPL)	pure lead (TPPL)
Capacity C10 [Ah]	190	380	190
Cyclic performance at 35% DOD	2500 cycles	2500 cycles	2500 cycles
Cyclic performance at 50% DOD	1800 cycles	1800 cycles	1800 cycles
Roundtrip efficiency	90%	90%	90%
Fast charge capability	yes	yes	yes
Battery Monitoring System			
	Included	Included	Included

With over one hundred years' experience in battery manufacturing, EnerSys® is the proven leader and innovator in reserve power batteries. EnerSys offers customer-centric solutions for the solar energy market worldwide.

In response to ever-evolving and ever-challenging operating conditions, EnerSys® has launched the ground-breaking TPPL Technology to enhance the cyclic performance without any detrimental effect on product service life.

EnerSys works in close partnership with leading companies and offers complete answers to complement a diverse range of solar energy solutions.

Together with our customers, we effect smart decisions which combine our expertise and service with leading products resulting in the most effective, powerful and reliable energy storage technology available.

Availability and specifications are subject to change without prior notification.

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