



HOW MUCH CAN BIRDS DROPPING COST YOU?

- The truth is that 10% shade can equal 50% power loss for an array.
- The truth is that clouds, bird droppings, dirt, debris, ageing, different string lengths, module angles, and reflections all matter.
- The truth is that your ROI is losing for nothing.

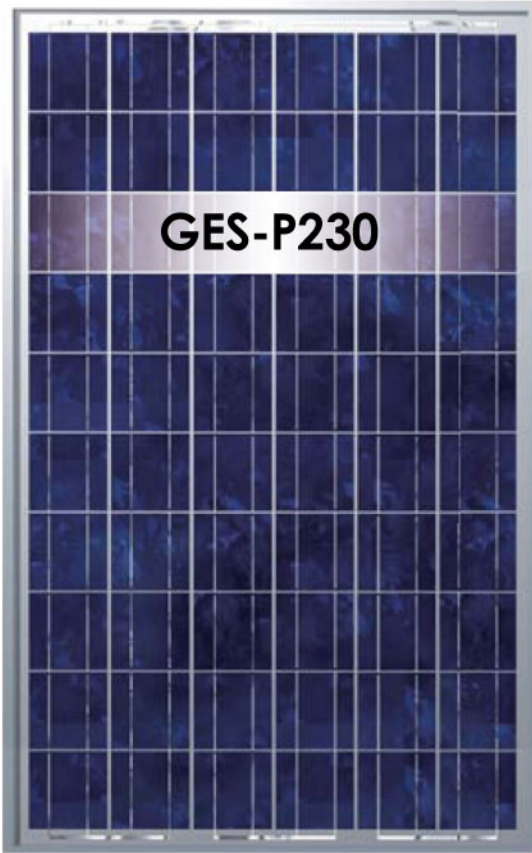
GET SMART

Our innovative **Smart Panels** not only withstand all kinds of mismatch, they also increase your overall investment by

- ✓ Recovering lost energy up to 75%
- ✓ Increasing energy harvest up to 25%
- ✓ Requiring less cabling/racking
- ✓ Lowering inverter costs
- ✓ Reducing engineering and installation costs
- ✓ Increasing operational life of panel

Co-presented by





Features and Advantages:



Maximize ROI



MPPT chip integrated



Lower cost with more power output
(Reclaims up to 71% of the energy lost)



Auto corrects hidden imbalance
within the system



Minimize environmental and system
mismatch



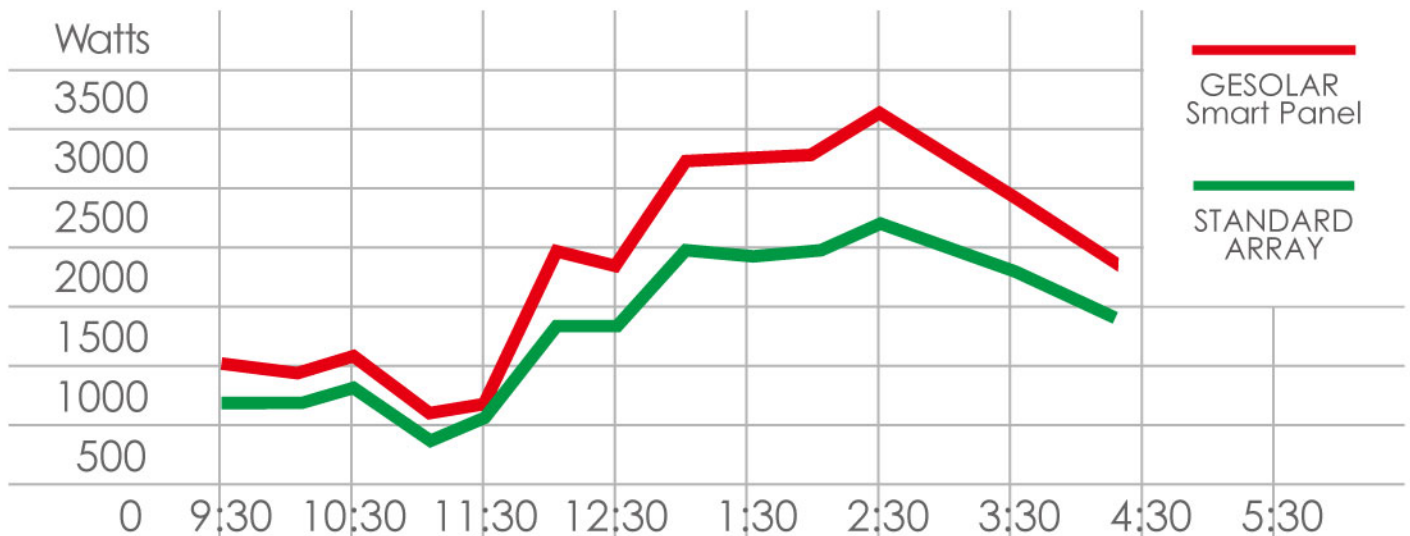
Over current, temperature and
voltage protection



High efficiency with by-pass mode
up to 99.5%



Side-by-Side Experiment (with shade)



Time of Day

Source: SolarMagic Experiment

Sainty International Group
since 1974