



Making **Energy Consumption** **visible & easy** to manage

Why monitor your power consumption?

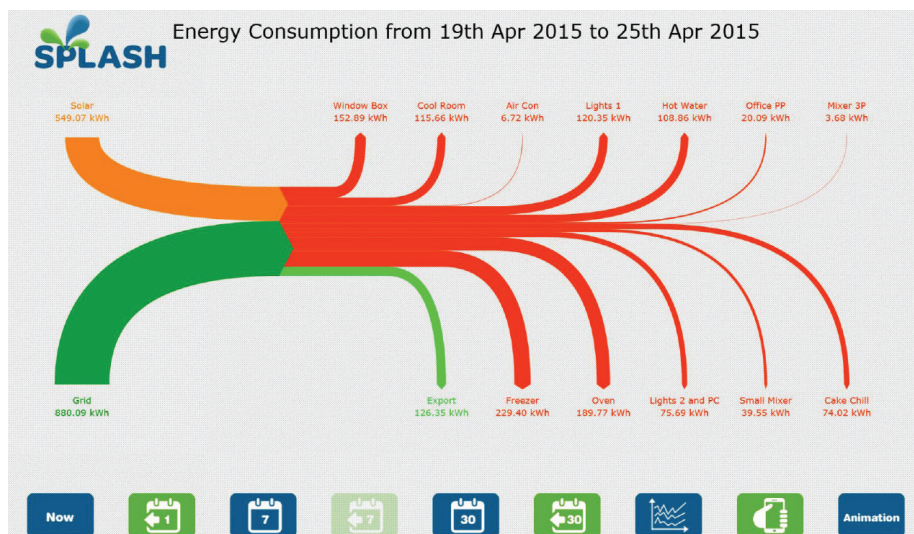
“ You can only *manage it* if you can *see it* and *understand it* ”

- Identify where and how your business or home uses power so you can manage and reduce their power consumption – you will be surprised how easy savings can be made
- Allows key stakeholders and employees to engage in energy efficiency, change habits and maximise energy savings
- Identify problems with plant and controls the moment they occur
- Collate information to substantiate a business case to update old or inefficient electrical equipment
- Prove energy savings by monitoring after energy improvements have been made

Why SPLASH Monitoring?

“ SPLASH **Easy View** makes your **energy consumption visible** and **easy to understand** ”

The live **Easy View** with **Time 2 Time** allows you to see your power supply and consumption over the selected time period



- SPLASH monitors Solar power generation as well as power consumption from the grid and clearly shows where the power is being consumed
- SPLASH “Easy View” is the clearest way of displaying generation & consumption to non-Engineers. Use it to present findings to key stakeholders or customers
- Proven Monitoring system used by many Government Departments, Corporates and Energy Companies as well as businesses and home owners. Developed in New Zealand, used Worldwide
- Provides access to real-time and historical power consumption from anywhere with a computer, tablet or smart phone
- Comprehensive and accurate monitoring of your power consumption including Power Factor which increases the potential savings identified by the monitoring
- Easy to install and setup
- Access your own secure, private dashboard allows the monitoring, data, views and graphs to be customised
- Unique, clear and easy to use Dashboards, User Interface and Lobby Screens
- Expand the system to monitor other information including: Solar PV, Solar water heating, environmental, space temperatures and humidity
- Check phase balancing – a major factor in the effectiveness of solar PV systems
- Cost Effective solution

www.splashmonitoring.com



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Key Hardware features

- Each SPLASH Power Monitor monitors electric power on up to 12 single phase circuits or up to four 3-phase circuits. Add more SPLASH Power Monitors for larger and more complex systems
- Data is monitored every 10 seconds (frequency can be increased if finer resolution is required)
- Monitor Volts, Amps, Watts, Watt hours, frequency, VA, VAR and Power Factor
- View current and historical data as "Easy View" Sankey Diagrams, graphs or actual values or export as CSV files
- Monitor Incoming mains grid, solar, generator and battery supplies, sub-metering and individual circuits
- Monitor solar & renewable energy power generation
- Fully flexible and programmable alerts and notifications, send out SMS and Email alerts
- Inbuilt "Power Line" communications with Automatic Home-Plug pairing (SPL3010)

Hardware Specification

Connectivity

SPL 3000 Ethernet connection SPL 3010 Ethernet connection and "Home Plug" Power Line Communication

Accuracy

(at 100A & 120 Vrms at 60HZ using high accuracy CT's)
0.5% ANSI C12.20
1% ANSI C12.1

Certifications

Conforms to UL STD 61010-1
Certified to CAN/CSA STD C22.2 No. 61010-1
Lead-free and RoHS compliant
FCC: CISPR 11 Group 1 class B,
FCC 47CFR part 15 class B
CE
RCM

Warranty
2 Years



Contact your local agent/dealer:



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