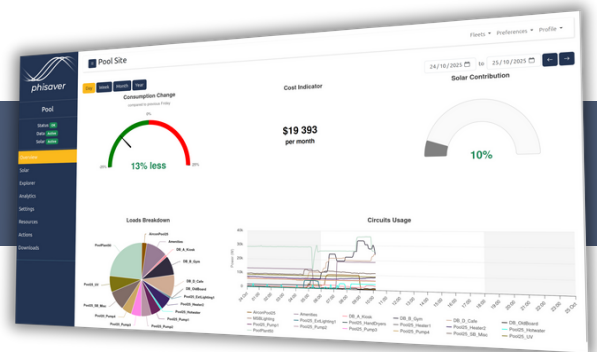
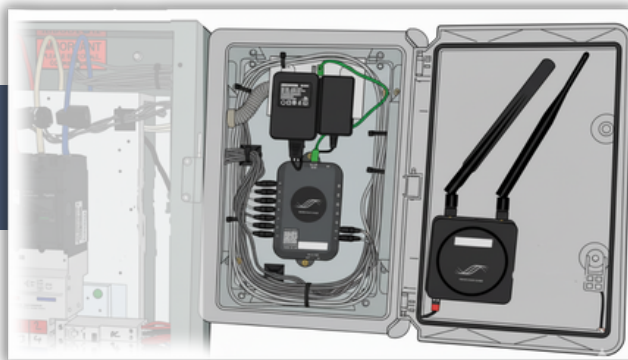
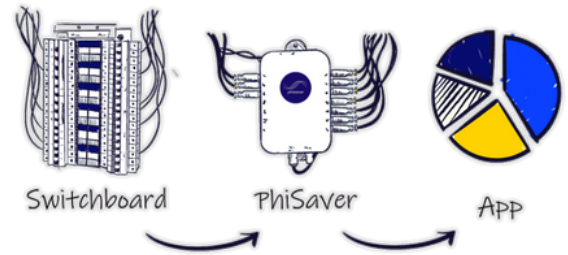


phisaver

Know Your Power



ABOUT

PhiSaver is a complete sub-circuit energy monitoring system. It is installed per switchboard. It communicates via 4G to a web app showing live and historic data.

PhiSaver was founded by Brett Beeson, RPEQ, 10 years ago. It is Australian designed, assembled and supported from Sydney and Brisbane.

Hundreds of units are in the field, with clients such as The University of Queensland, Brisbane City Council and YMCA.

ADVANTAGES



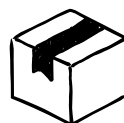
FLEXIBLE

Power sensors (CTs) from 20A to 1200A are available. Any number can be installed. Both busbars and cable can be monitored, using split-core CTs for 'clip and go'.



UNIVERSAL

The PhiSaver Web App integrates temperature, water, solar inverter, and battery data. Multiple sites are grouped in custom fleets.



COMPLETE

It's a turnkey solution - enclosure, 4G comms, GPO, transformer, VPN, custom setup is included.



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phisaver.com

Item	Value	Note
Measurements	Voltage (V) Current (A) Power Factor (%) Energy (kWh) Frequency (Hz)	20A to 1200A
Reporting Time	10s	Typically 5 minute intervals are suitable. Sampling times sub-second.
Resilience	High	All data is recorded locally, and uploaded via 4G. Auto restart on power loss.
Power	Hardwired, included.	No batteries. Powered by a standard GPO (included).
Enclosure	IP66, powder coat 1.6mm steel FRP for corrosive area	400x300x200
Sensors	Doubled insulated, 20A to 1200A	Accu Canada (datasheet) Echun China (datasheet)
Data	Located in Australia Redundant storage, daily backup	AWS Sydney
Install requirements	4 hours with 1 hour power shutdown	Typical for a medium, 30 pole, three-phase board.
Warranty	3 years	Parts and Labour
Comms	4G with VPN for remote access	Robustel Industrial Router
Voltage Reference	MEPS approved	9 - 12V, included

