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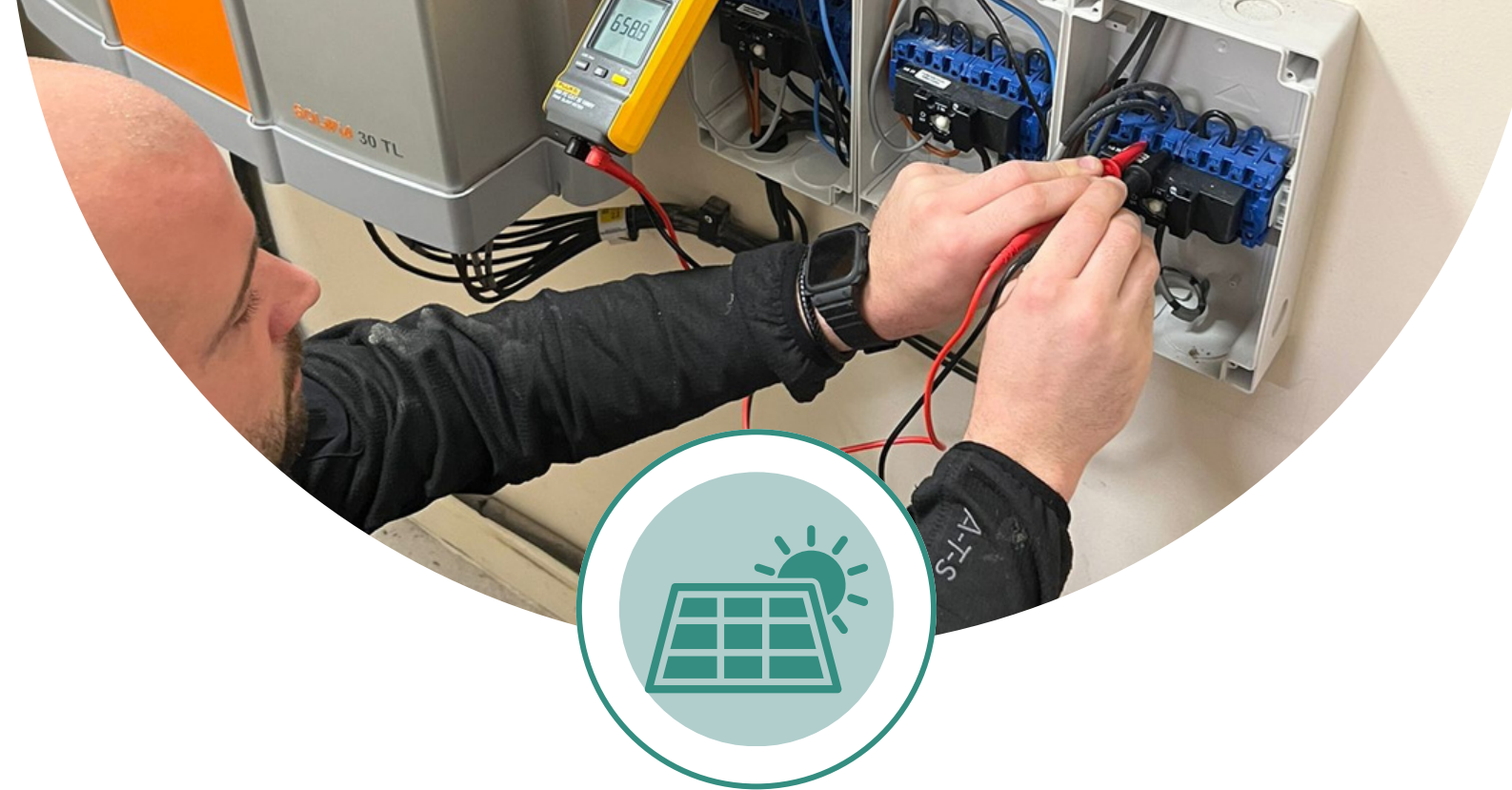
WEST COAST ELECTRICAL CONTRACTORS LTD

Monitoring your Solar
PV System



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MONITORING YOUR SOLAR PV SYSTEM

Welcome to West Coast Electrical's Solar PV System Monitoring Help Sheet. Monitoring your solar PV system is essential to ensure it operates efficiently and you maximise your energy savings. This guide will walk you through the steps to monitor your system effectively.

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Monitoring Basics:

- Diverse Systems: Solar PV systems can vary significantly. Depending on your setup, monitoring may differ. Common components include solar panels, inverters, battery storage, and optimisers.

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Monitoring Tools:

- Inverter Apps: Most Solar PV systems come with inverters that have their own user-friendly apps. These apps allow you to track your energy production, consumption, and overall system performance.

- Battery Storage: If your system includes battery storage, it offers more control over energy production. You can manage the energy flow, decide when the batteries should charge from the grid, and even control the charging of your Electric Vehicle (EV) from solar or the batteries.

- Optimisers: Some systems have optimisers installed on individual panels, which enables you to monitor the production of each panel separately. This feature helps maximise energy production and identify any underperforming panels.



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Getting Started:

- Manufacturer's App: We will set up the monitoring app for your Solar PV system. Typically, you will use the app provided by the manufacturer of your equipment. This app is tailored to your specific system, ensuring accurate data and ease of use.

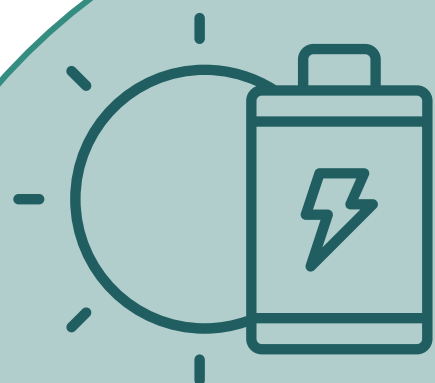
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Using the app:

- **Installation**: Once the app is set up, you'll be able to view real-time data on your energy production, consumption, and system health. Some apps also offer historical data and graphs for a more in-depth analysis.

- **Energy Allocation**: With battery storage, you can control where your solar energy is diverted. This helps you utilise your energy where it's needed most, whether for your home, EV charging, or even feeding excess energy back to the grid.

- **Optimising Panel Performance**: If you have optimisers, the app allows you to monitor the efficiency of each panel. Identifying underperforming panels can help you address maintenance or replacement needs.





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Additional Features

Timer Controls: Many apps provide timer controls, allowing you to set specific times for your batteries to charge from the grid or for your EV charger to use solar energy. This can help you make the most of your solar power during peak times.

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Support

We're Here to Help: If you have any questions or encounter difficulties with monitoring your Solar PV system, don't hesitate to contact us. We're here to assist you in making the most of your renewable energy investment.

Remember, effective monitoring ensures you get the most out of your Solar PV system and helps you reduce your energy bills. It's an essential part of your investment in clean and sustainable energy.



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GET IN TOUCH



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