



THE PROJECT

Installed by: Pacific Solar

LONGi Solar Australia supplied **484kW** of **Hi-MO 4 - 450W** PV modules to power one of the Distribution Centres of one of the largest Online Retailers in Melbourne, Australia.



LOCATION
Melbourne, Australia



PROJECT TYPE
Commercial



CAPACITY
484 kW



MODULE TYPE
LR4-72HPH 450M



COMPLETION DATE
July 2021



MODULE NAME
Hi-MO 4

OVERVIEW

A large commercial rooftop installation of 1076 LONGi Solar Hi-MO 4 modules that will produce 596.4 MWh of electricity per annum.

Electricity from the installation will be used to provide a substantial amount of the client's energy needs to operate their large distribution centre.

The size of the installation and nature of the client's business meant that a rigorous component assessment process was undertaken and installation had to take place without disruption to the operation of the facility.

BACKGROUND

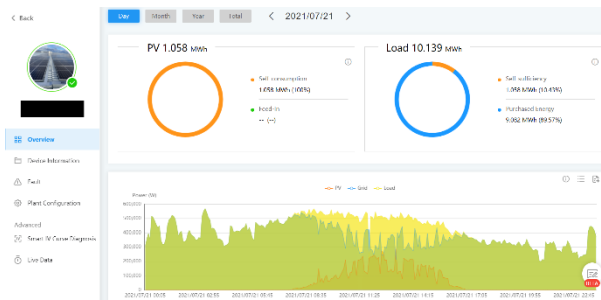
The client, a large online retailer, operates an extremely busy distribution centre that uses a large amount of electricity to power its operations. The client approached Pacific Solar, one of Australia's leading commercial rooftop solar installers, to design a solar system that would deliver on-site energy generation that was affordable, green, and reliable.

After a rigorous design and specification phase that considered the client's need for reliable and affordable green energy, Pacific Solar specified the Hi-MO 4 (LR4-72HPH 450M) module. Key criteria for selection were: premium mono crystalline construction, high efficiency (20.9%), half cut cell design, strength of local Australian support backed by a 25 year power warranty and an optimal form factor for large commercial roof top installations.

RESULT

The project was connected to the grid in July 2021 with no disruption to the client's business operations and will generate approximately 596.4MWh per annum.

The substantial size of the installation will provide on-site generation for the busy distribution centre, enabling the client to reduce their carbon footprint and reduce exposure to rising Australian electricity prices.



Snapshot daily usage mid winter 2021



"LONGi 450W modules were solid and easy to install compared to other solar panel manufacturer offerings"

"When Pacific Solar presented us the different module manufactures and explained about them. LONGi was ahead of every other manufacturer in terms of efficiency and quality. At the end of the installation, we saw the result, and we were happy with the decision to go with LONGi modules."


Austin Vaughn, General Manager of Pacific Solar.

Project Lead, Large Online Retailer.

LONGi Solar Australia Pty Ltd.
Level 8/124 Walker Street, North Sydney 2060

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