



ROOFS ORIENTED IN DIFFERENT DIRECTIONS? NO PROBLEM FOR FRONIUS. STAY FLEXIBLE WITH THE FRONIUS SUPERFLEX DESIGN

LUZON, PH: If the solar modules in a PV system are oriented in different directions, this makes the design of the system more complex. The system on the roof of a large supermarket in the Philippines is configured in five different blocks. The customer was won over by the absolute flexibility of the Fronius Symo with SuperFlex Design integrated as standard.



THE CHALLENGE:

- / The complex configuration of the roof meant flexibility in the design was a must
- / Fronius and third party components to be used in parallel for system control and monitoring

OUR SOLUTION:

- / The Fronius SuperFlex Design allows all systems to be reliably dimensioned
- / The Fronius Datamanager has numerous open interfaces for third-party components

SYSTEM HIGHLIGHTS:

- / The daily power requirement is largely covered by the PV system
- / The company's own control system was used alongside the Fronius software solutions

The 740 kWp PV system on the roof of the Landmark Corporation was commissioned only very recently. The system will produce most of the daily power requirement of the department store. The system operator wanted to be able to use their own system to control consumption in the buildings, which meant only devices with open interfaces could be considered when choosing the inverter. The Fronius Symo is one of the few inverters on the market to have this facility. Moreover, it is also possible to use the Fronius system in parallel

with the external control system. The system was installed by Solenergy Systems Inc., a local Fronius Service Partner Plus. "As a Fronius Service Partner Plus we can be there on the ground to provide the best technical support. The SnapINverter concept makes installation quick and easy." according to project manager Engr. Victor Garcia. Fronius Service Partners are authorised to replace components on the spot. The faulty part can be repaired in just one service visit - saving time and money.

ENGR. VICTOR GARCIA, SOLENERGY SYSTEMS INC.
"Fronius is our first choice for large commercial PV systems."



SYSTEM DATA	LUZON, PH
Size of installation	739.2 kWp
System type	Roof-top installation
Inverter	33 Fronius Symo 20.0-3-M
Service solution	Fronius Datamanager 2.0
Commissioned	February 2018
Annual yield	Approx. 1,025 MWh
CO ₂ savings / year	Approx. 543 t
Special feature	Complex roof configuration Fronius and third-party components used in parallel

