

DG PV SYNCHRONIZATION



The diesel generator and photovoltaic synchronizer is a smart and hybrid controller. They allow solar power generation and reduce the fuel consumption from diesel generators. They work perfectly with all other inverters and generators focusing on reducing fuel consumption. They maximise solar generation the minute it's installed.

A large number of industries have switched to complex hybrid installations. These combine power from diesel, solar, and grid for a good output. For efficient synchronisation the DG synch works best. Arresting reverse flow as well as using the optimum power. They monitor system parameters, weather, and performance.

They can be installed directly with a controller that monitors solar, grid, and load parameters. Because they don't allow power to flow back to the grid, net metering ceases to exist. That also means that the consumption from the grid goes as low as 1%. While regular on-grid systems cut off while the grid power is off, DG synch continues to produce solar power even during power cuts.