

## SACRED HEART SCHOOL – AEG SOLAR MODULES, 65 kWp, INDIA



### Sacred Heart School

Location	Kochi, Kerala, India
Installed capacity	65 kWp
Installation type	Rooftop installation
PV Modules	AEG polycrystalline 60 cells
Inverter	SMA
Grid connection	January 2017
AEG distribution	Berlin Enterprises Pvt.Ltd
General EPC	Talem Power Systems
About the plant	65 kWp of AEG solar modules were deployed at the premises of the Sacred Heart School in Kochi, Kerala, to meet the increased energy demand of the institute, which has almost quadruplicated over the past three years. The institute is run by the Congregation of Carmelites of Mary Immaculate (CMI), which also runs several educational institutes and hospitals in the country. At Sacred Heart School, Solar power is used for everyday needs such as powering up the classrooms, the air conditioning and the swimming pool filter system; since its commissioning in January 2017 and subsequent project expansion from the initial 30 kWp, the installation has

successfully reduced the dependency of the institute from the state electricity provider and driven down the school's electricity bill by 30% each month (INR 30,000.00), with outstanding performances also in the suboptimal weather conditions of the rainy season.

