



CONERGY

Reference Project | Off-Grid Stand Alone Solar Home System

Solar Home System, Indonesia



In the Eastern Kalimantan of Indonesia, lies Batumbuk Village (Berau District); where more than 200 units of Solar Home Systems (SHS) were successfully installed by Conergy. The village's key business activity is the export of seafood to neighboring countries. Despite the swampy topography of Batumbuk and a two-hour long boat ride from Berau town center, Conergy expertise had ensured that all systems are installed on time and commissioned as planned. With lighting provided by the Solar Home Systems, villagers can now work longer into the evening and reduce the use of fossil fuels while enjoying the convenience of clean and safe lighting from the sun.



PHOTOVOLTAICS

Data

Date	2004 & 2005
Location	Batumbuk Village, District Berau, East Kalimantan
Type of System	Solar Home Systems (SHS)
Installed Capacity	80 units (2004) and 137 (2005)
Type of Module	Polycrystalline 50 Wp each unit
Battery Bank	Lead Acid, 70 Ah/12 VDC each unit
Load	3 Tubular Fluorescent Lamp at 10 W
Mounting System	Roof-Pole Mounted

BATUMBUK-RP-ENG-0802