

## FENEGRO, IT

/ The first three-phase storage system installed in Italy is branded Fronius



/ The owners of this one-family residence wanted to be independent from methane gas and completely powered by electricity: BRM Impianti helped them realise this vision.

/ The 13.44 kWp PV-system, connected to a Fronius Symo 6.0 and a Fronius Symo Hybrid 5.0, produces more than 14,000 kWh per annum: this yield provides enough energy for all the electrical needs of the household appliances, in particular the heat pump for producing hot water and the Clivet ventilation system. The possibility to store the energy surplus in a Fronius Solar Battery 12.0 fulfils the owner's desire to become more independent from the grid: *"Thanks to the Fronius Energy Package we can store the electricity we have generated during the day and use it during the night"* reports Mrs. Prosperio.



/ The family's electric bills have been halved thanks to intelligent energy management, which ensures an average self-consumption rate of 70%. The home owners can also check their production and consumption via system monitoring and Fronius Solar.web. It's their first step towards energy independence. *"We are very proud to help saving our planet's health and to be part of the 24 hours of sun vision."*

INSTALLATION DATA	
Size of installation	13.44 kWp
Purpose, system type	Roof-mounted
Inverter	1 Fronius Symo 6.0 and 1 Fronius Symo Hybrid 5.0
Storage solution	Fronius Solar Battery 12.0
Commissioned	July 2016
Annual yield	14,000 kWh
Special feature	70% self-consumption Energy sector integration with Clivet heat pump and ventilation system