



Source: Leitner Electro

Cable car Unterstell Naturns

Naturno , Bolzano (I)

Building Details

CONTACTS

	Name	Website (or e-mail)
Owner	Seilbahn Naturns GmbH	www.unterstell.it
Architect	-	-
Energy Consultant	Leitner Solar AG, Bruneck	www.leitnerelectro.com
PV Installer	Leitner Solar AG, Bruneck	www.leitnerelectro.com

BUILDING

Completion year	2011	Building	2011	Plant
Category	New	Renovation	Enlargement	Other
Typology	Residential	Administration	Industrial	Sport
	Agricultural	Urban	Historical	Other
Building Energy Performance	kWh/m ² y		-	

Description

The cable car of Unterstell, is located in the Naturno village on the Monte Sole of the Val Venosta in South Tyrol. The bearing structure is characterized by a steel trusses system, placed onto the close building. The volume is completely glazed with semitransparent PV modules integrated both in the lateral façade and in the south sloped roof. The annual energy production covers about the 50% of the demand.

Aknowledgments



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BiPV Details

LOCATION OF PLANT

Roof	Flat roof	Sloped	Curved	
Façade	Cladding	Balcony	Greenhouse	Curved
Glass	Façade	Roof	Solar shading	Canopy
Orientation	South	West	East	North
BiPV System	Transparent façade and transparent roof (structural sea-lant grazing)			

ARCHITECTURAL EVALUATION

Color	Black
Transparency	Semi-transparent
Frame	Steel structure

COSTUMIZATION LANGUAGE AT COMPONENT SCALE

PV CELL	MODULE LAYERING	MODULE FEATURES	DUMMIES
DESCRIPTION			

SPECIFICATION

Photovoltaic	Monocrystalline	Multicrystalline	Thin Film
PV Module	Cells	-	
	Module	Scheuten Solar Technology GmbH	
Power	kWp	19.34	
Size	m²	189.64	
Energy production	kWh/year	20777	
Cost	€/m²	-	