

Photovoltaic Plant of 30 KWp



- **Technical characteristics**

	Subsistem 1	Subsistem 2
Nominal power [Wp]	27 360	3 240
PV module supplier	Schott Solar	Schott Solar
PV module type	ASE-275-DG-FT	ASITHRU-30
PV cell technology	EFG	a-Si
PV cell color	Dark blue	Dark brown
PV module power at STC [W]	285	27
Total number of modules	96	120
Number of modules in series (per string)	4	8
Number of modules in parallel (per inverter)	3	15
Power input of inverter at STC [kWp]	3.42	3.4
Inverter type	Sunpower SP2800	Sunpower SP2800
No of inverters within subsystem	8	1
Total modules area [m ²]	205,6	75,6
Azimuth orientation (North 0°, East 90°, South 180°)	0°	0°
Tilt angle of system relative to horizontal	35°	35°
Partial shadow	No required	No required

- **The product is developed, tested and manufactured by ICPE**
- **Manufacturing in integrated quality-environment assurance system according to: SR EN ISO 9001:2001 and SR EN ISO 14001:2005**

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