On-Grid PV Systems

selfa photovoltaics

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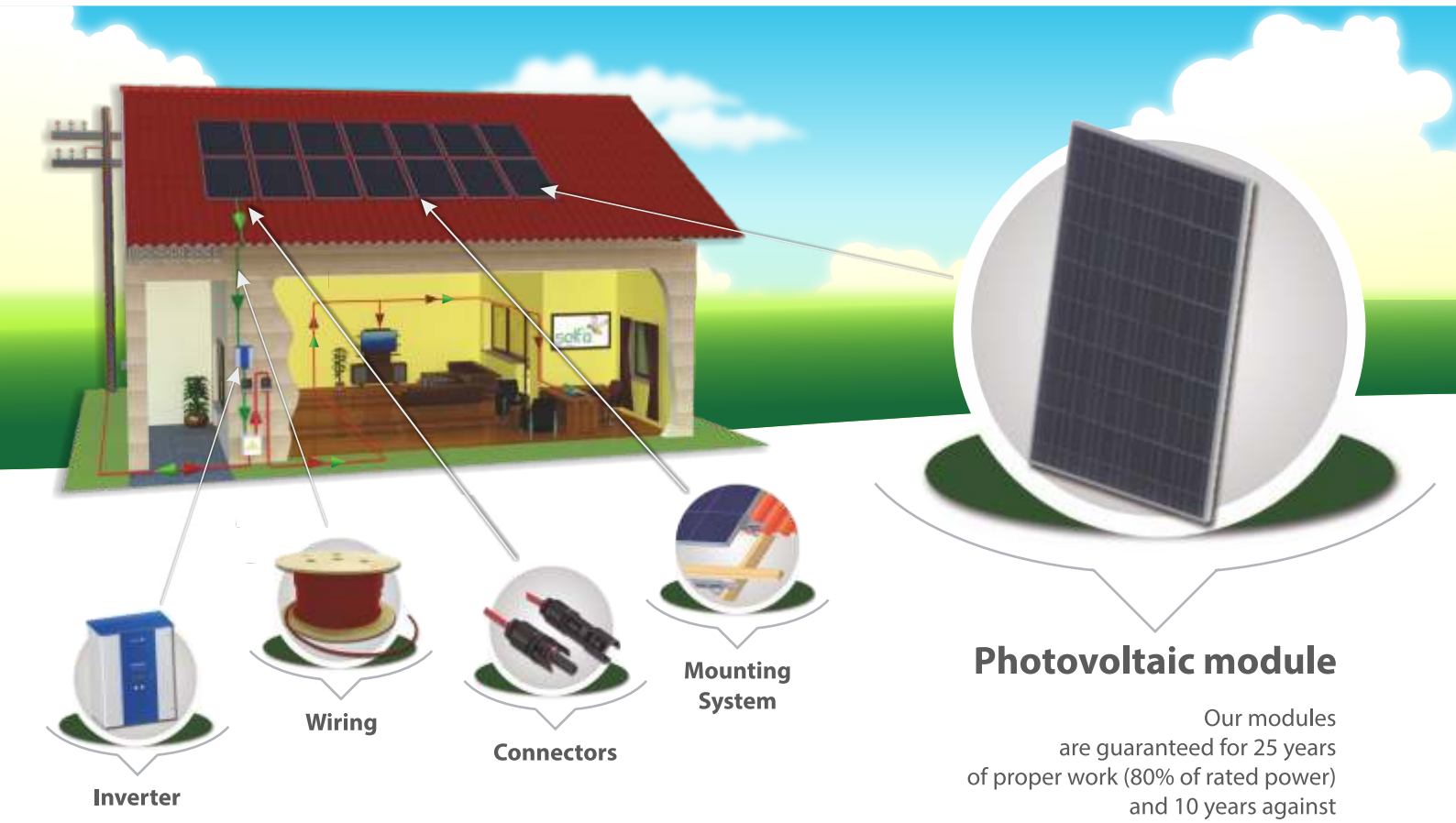


Inverter

Wiring

Connectors

Mounting System

Photovoltaic module

Our modules are guaranteed for 25 years of proper work (80% of rated power) and 10 years against hidden defects of the product.

CE IEC DVE CERTIFIED COMPANY DVE ISO 9001:2008 **ISO 9001; ISO 14001; OHSAS 18001**

We offer complete PV Systems, generating electric energy. Each system includes:

- Polycrystalline PV modules SV60P SELFA GE,
- Inverter,
- Wiring,
- Connectors,
- Mounting system.

THE BIGGEST POLISH PRODUCER OF PV MODULES

Authorized Distributor of KACO Inverters

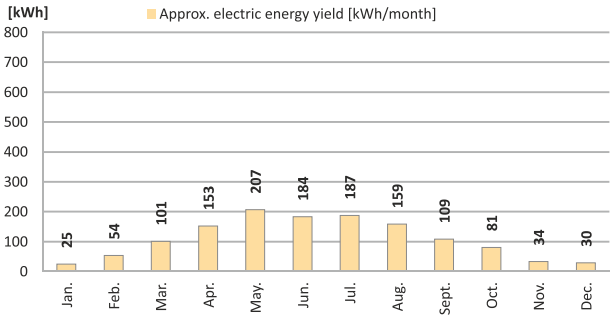
PROGRAM REGIONALNY
NARODOWA STRATEGIA SPÓJNOŚCI

Urząd Marszałkowski Województwa Zachodniopomorskiego

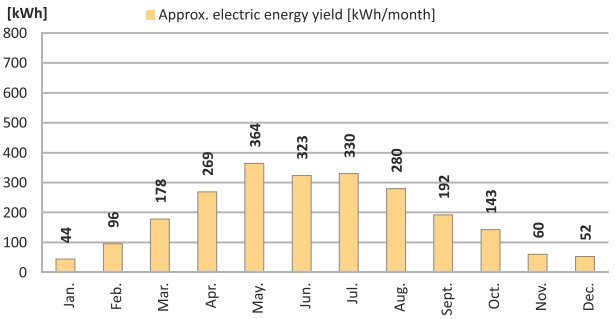
UNIA EUROPEJSKA
EUROPEJSKI FUNDUSZ ROZWOJU REGIONALNEGO

On-Grid PV Systems generating electric energy (1 phase)

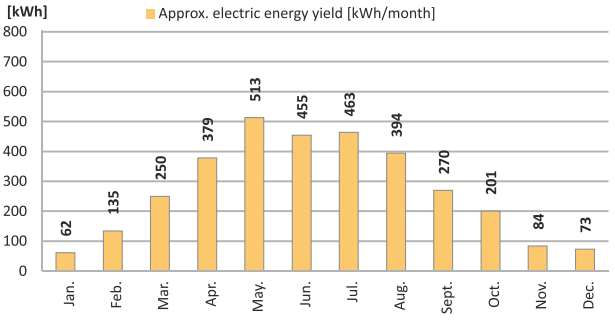
On-Grid PV System 1,44 kWp	
SV60P-240 PV module	6 pcs.
Inverter	SB 1300TL
Wiring	40 m
Conectors	2 sets
Modules area	10,2 m^2
Total weight	120 kg
Approx. electric energy yield	1 323 kWh/year



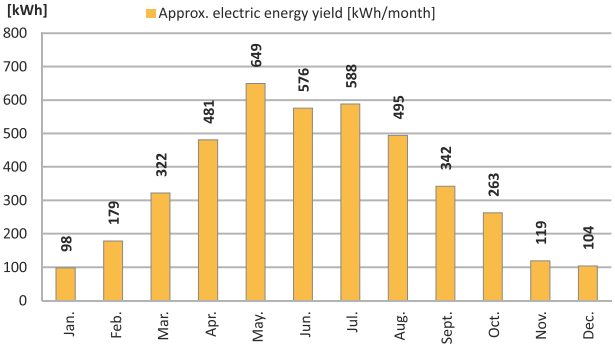
On-Grid PV System 2,40 kWp	
SV60P-240 PV module	10 pcs.
Inverter	SB 2100TL
Wiring	40 m
Conectors	2 sets
Modules area	17 m^2
Total weight	200 kg
Approx. electric energy yield	2 331 kWh/year



On-Grid PV System 3,36 kWp	
SV60P-240 PV module	14 pcs.
Inverter	Powador 3200 TL
Wiring	40 m
Conectors	2 sets
Modules area	23,8 m^2
Total weight	280 kg
Approx. electric energy yield	3 278 kWh/year



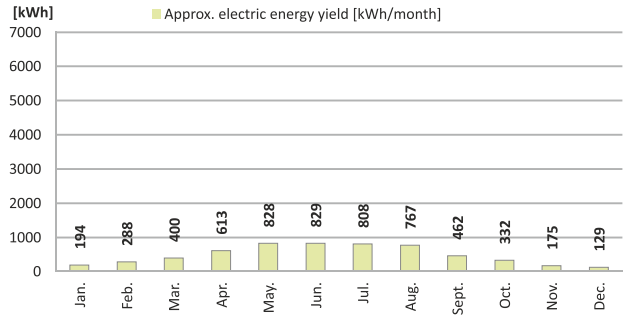
On-Grid PV System 4,32 kWp	
SV60P-240 PV module	18 pcs.
Inverter	Powador 5300 TL
Wiring	40 m
Conectors	2 sets
Modules area	30,6 m^2
Total weight	360 kg
Approx. electric energy yield	4 214 kWh/year



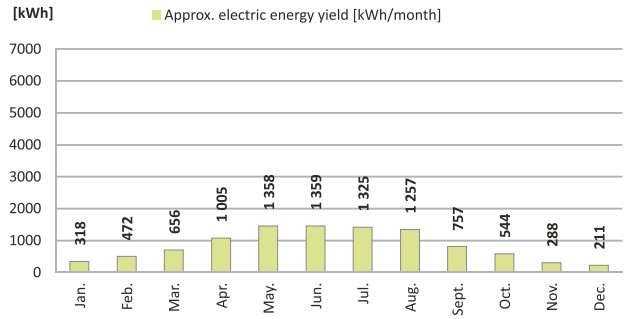
Above presented yields are an approximation based on meteorological station data for Szczecin, Poland. Real numbers may vary depending on a weather. Presented PV Systems are standard solutions. SELFA GE is free to adapt the system upon request. Assumed Modules – Inverter distance: 20m. Assumed modules mounted on roof lean with 30° anddirected to south.

On-Grid PV System generating electric energy (3 phase)

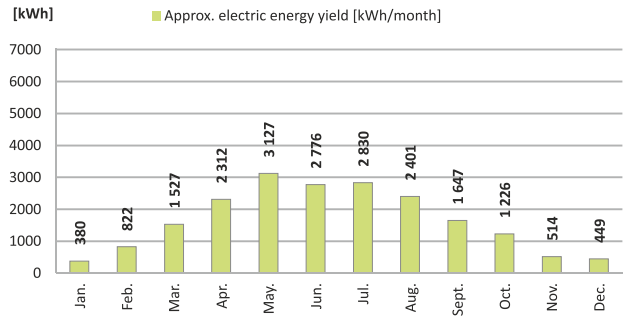
On-Grid PV System 6,00 kWp	
SV60P-240 PV module	25 pcs.
Inverter	Powador 6.0 TL3
Wiring	80 m
Conectors	4 sets
Modules area	42,5 m^2
Total weight	500 kg
Approx. electric energy yield	5 824 kWh/year



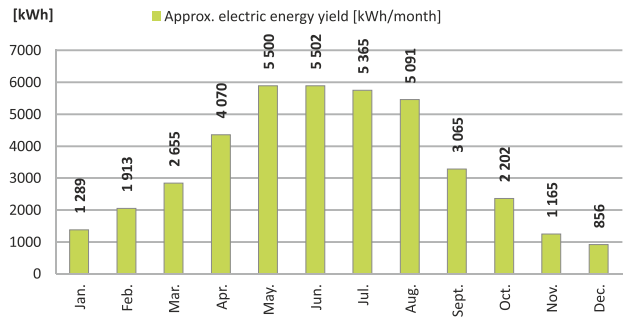
On-Grid PV System 9,84 kWp	
SV60P-240 PV module	41 pcs.
Inverter	Powador 10.0 TL3
Wiring	80 m
Conectors	4 sets
Modules area	69,7 m^2
Total weight	820 kg
Approx. electric energy yield	9 552 kWh/year



On-Grid PV System 20,16 kWp	
SV60P-240 PV module	84 pcs.
Inverter	Powador 20.0 TL3
Wiring	160 m
Conectors	8 sets
Modules area	142,8 m^2
Total weight	1 680 kg
Approx. electric energy yield	20 011 kWh/year



On-Grid PV System 39,84 kWp	
SV60P-240 PV module	166 pcs.
Inverter	Powador 40.0 TL3-XL
Wiring	320 m
Conectors	16 sets
Modules area	282,2 m^2
Total weight	3 320 kg
Approx. electric energy yield	38 672 kWh/year



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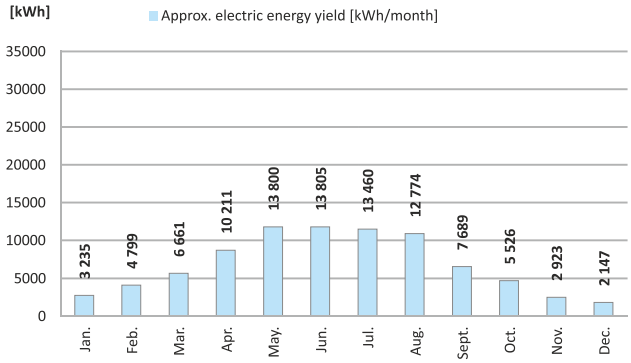
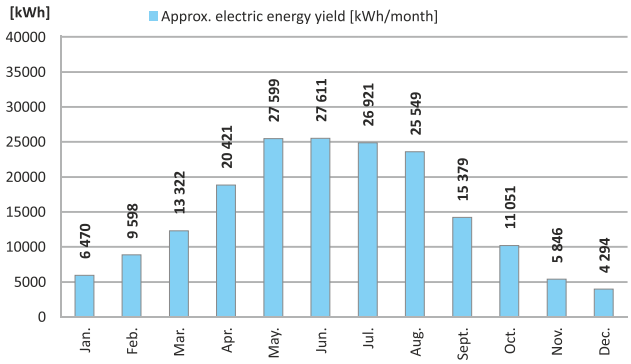
TRADITIONS SINCE 1932

On-Grid PV System generating electric energy (3 phase)

On-Grid PV System 99,96 kWp	
SV60P-245 PV module	408 pcs.
Inverter	Powador 39.0 TL3-XL
	Powador 60.0 TL3-XL
Wiring	800 m
Conectors	40 sets
Modules area	693,6 m^2
Total weight	8 160 kg
Approx. electric energy yield	97 MWh/year



On-Grid PV System 199,92 kWp	
SV60P-245 PV module	816 pcs.
Inverter	2x Powador 39.0 TL3-XL
	2x Powador 60.0 TL3-XL
Wiring	1 600 m
Conectors	80 sets
Modules area	1 387,2 m^2
Total weight	16 320 kg
Approx. electric energy yield	194 MWh/year



Mounting systems

PV systems can be situated either on a flat and precipitous roofs made of different kind of materials (e.g. ceramic tiles, tile-like sheets, plain tiles). They can be also mounted as an on-ground installations with a special driven and screwed systems.

Mounting systems are constructed according to European's DIN standards. Appropriate choice of materials (aluminum, zinc coated steel, stainless steel) ensure high quality level. Optimum PV system yield is guaranteed by adjustable lean angle $20^0/25^0/30^0$. They are all easy to mount as well.

On-Grid Inverters

Inverters are an electrical equipment that changes direct current generated by photovoltaic modules into grid connected alternating current suited to grid parameters. Inverters offered by our company (efficiency up to 99%) with a wide range of input power, are suitable to be a part of both: low power installations (household appliances) and high power systems (big PV plants) too. We are cooperating with a big worldwide manufacturers: KACO (we are an Authorized Distributor) and SMA.

KACO new energy.

SMA

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