Aschoff Solar GmbH

Solar Energy
- easy, efficient and economic -
Aschoff Solar GmbH

Solar Power
Power from the Sun
- easy and high-performance

Solar Hot Water
Heat from the Sun
- easy, efficient and economic

Solar Pump
Water from the Sun
- easy, independent and free

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Aschoff Solar is situated in the metropolitan area of Nuernberg, Germany.

The company provides solar system solutions, especially for industrial customers on the international market.

Aschoff Solar Systems:

- combine the advantages of the European and international solar technology
- are using German engineering and high-tech components from well-known European suppliers in combination with optimized sourcing for all system components
- are developed with the industry – for the industry
- ensure short pay back periods
Solar Thermal System

Tannery in Ho Chi Minh City

- Collector Area: 1,000 m²
- Energy Savings: more than 1.2 mio. kWh/year
- Return of Investment: less than 4 years
Solar Thermal System

Tannery in Sena

- Collector Area: 540 m²
- Energy Savings: more than 650,000 kWh/year
- Return of Investment: less than 4 years

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Solar Thermal System

Bamboo Research Center in Ningbo

Separated Solar Systems

- Kindergarten
- Bamboo Research
- Loft Hotel
- Villa
Solar Thermal System

China

Tannery in Heshan

• Collector Area: 630 m²

• Energy Savings: more than 510,000 kWh/year

Solar process heat for the retanning and the vacuum dryers
Solar Thermal System

Jeans Factory in Ho Chi Minh City

• Collector Area: 420 m²
• Energy Savings: more than 500,000 kWh/year

Solar process heat for the Jeans washing process

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Solar Thermal System

Tannery in Ayutthaya

Collector Area: 1,890 m²

Solar process heat for the retanning

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Solar Thermal System

Tannery in Nairobi

Collector Area: 580 m²

Solar process heat for the retanning
Solar Thermal System

Dairy Manufacturer in Nakornrachasima

- Collector Area: 240 m²
- Energy Savings: more than 180,000 kWh/year

Solar process heat for the production process
Solar Thermal System

Bitumen Manufacturer in Igling

- Collector Area: 190 m²
- Energy Savings: more than 75,700 kWh/year
- Solar Fraction: 78 %

Preheating of boiler feed-in water for the bitumen emulsion

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Solar Thermal System

Kenya

Lodge in Mombasa

• Collector Area: 265 m²
• Collectors: Bosch Vacuum Tube Collector SKR21.1
• Energy Savings: more than 300,000 kWh/year

For the support of the existing hot water system
Solar Thermal System

Energy Provider in Monheim

- Collector Area: 180 m²
- Collectors: Bosch Flat Plate Collector FT226-2H

For the connection of the System to the existing district heating

VORWEG GEHEN

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Solar Thermal System

Agricultural Industry in Schifferstadt

- Collector Area: 120 m²
- Collectors: Buderus Flat Plate Collector SKT1.0-s
- Buffer Storage: 25 m³

Solar hot water for the abatement of unwanted weeds, serving as substitute for pesticides. Environmentally friendly weed control.
Solar Power System

Italy

Machine Manufacturer in Cartigliano

Factory

- Solar Power: 135 kWp
- Module Type: polycrystalline, no-vo
- Inverters: SMA Tripower
- Solar Yield: 160,000 kWh/year
- Support System: Schletter Alu-Grid

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Solar Power System

Machine Manufacturer in Cartigliano

Carport

- Solar Power: 65 kWp
- Module Type: polycrystalline, no-vo
- Inverters: SMA Tripower
- Solar Yield: 72,000 kWh/year
- Support System: Solartechnik Süd
Solar Power System

Germany

Kindergarten in Petersaurach

- Solar Power: 30 kWp
- Module Type: polycrystalline, Canadian Solar
- Inverters: SMA Tripower
- Solar Yield: 32,000 kWh/year
- Support System: Schletter Standard with Windsafe
Solar Power System

Sports Manufacturer in Ho Chi Minh City

Factory

• Solar Power: 57 kWp
• Module Type: polycrystalline, Canadian Solar
• Inverters: SMA Tripower
• Solar Yield: 80,000 kWh/year
• Support System: Schletter Standard
Solar Power System

Sports Manufacturer in Ho Chi Minh City

Carport

- Solar Power: 43 kWp
- Module Type: polycrystalline, Canadian Solar
- Inverters: SMA Tripower
- Solar Yield: 60,000 kWh/year
- Support System: Schletter Standard
Solar Power System

Vietnam

Jeans Factory in Ho Chi Minh City

- Solar Power: 35.25 kWp
- Module Type: polycrystalline, Perlight
- Inverters: SMA Tripower
- Solar Yield: 50,000 kWh/year
- Support System: Schletter Standard
Solar Power System

National Assembly House in Hanoi

- Solar Power: 49.98 kWp
- Module Type: thin-film, Solar Frontier
- Inverters: SMA SMC
- Support System: Schletter AluLight
Solar Power System

Bamboo Research Center in Ningbo

- Solar Power: 2.2 kWp
- Module Type: polycrystalline, PT Solar
- Inverter: StecaGrid 2000+
- Support System: Schletter SoloLight
Solar Power System

Cold Storage in LIIP, Mamplasan, Biñan, Laguna

- Solar Power: 245 kWp
- Module Type: polycrystalline, Perlight
- Inverters: SMA Tripower
- Solar Yield: 300,820 kWh/year
- Support System: Schletter Standard
Solar Power System

Cold Storage in LIIP, Mamplasan, Biñan, Laguna

- Solar Power: 225 kWp
- Module Type: polycrystalline, ZNSHINE
- Inverters: SMA Tripower
- Solar Yield: 275,850 kWh/year
- Support System: Schletter Standard
Solar Power System

Garment Factory in Ho Chi Minh City

- Solar Power: 165 kWp
- Module Type: polycrystalline, Perlight
- Inverters: SMA Tripower
- Solar Yield: 200,000 kWh/year
- Support System: Schletter Solo05

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Deutsches Haus in Ho Chi Minh City

- Solar Power: 55 kWp
- Module Type: monocrystalline, SolarWorld
- Inverters: SMA Tripower
- Solar Yield: 75,000 kWh/year
- Support System: Schletter Standard
Solar Power System

Toy Factory in Ningbo

- Solar Power: 225 kWp
- Module Type: polycrystalline, Perlight
- Inverters: Zeversolar
- Solar Yield: 270,000 kWh/year
- Support System: Carport

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Solar Power System

Cold Storage in Bac Ninh

- Solar Power: 308 kWp
- Module Type: polycrystalline, Astronergy
- Inverters: SMA Tripower
- Solar Yield: 437,360 kWh/year
- Support System: S-Flex
Solar Power System

Villa in Ho Chi Minh City

- Solar Power: 10 kWp
- Module Type: polycrystalline, Tratek
- Inverters: SMA Tripower
- Solar Yield: 14,672 kWh/year
- Support System: K2 Systems
Solar Power System

Semiconductor Company in General Trias, Cavite

- Solar Power: 110 kWp
- Module Type: monocrystalline, aleo solar
- Inverters: REFUsol
- Solar Yield: 158,529 kWh/year
- Support System: BauderSolar
Solar Pump System

Farm in the Desert

- Solar Power: 55 kWp
- Module Type: polycrystalline, Shansolar
- Pump Inverter: Aschoff Solar
- Pump Power: 37 kW
- Flow Rate: 120 m³/h
- Support System: Schletter PvMax

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On the occasion of the Solar Pump Systems, Aschoff Solar and the GIZ designed a widespread brochure in cooperation that can be downloaded under following link:

In 2012, Aschoff Solar was awarded by the „Bavarian State Ministry of Economic Affairs, Infrastructure, Traffic and Technology“ as winner in the category *Supply of Services.*
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