



KANZLER SOLAR GERMANY

كانسلر الالمانيه للطاقة الشمسيه . فرع القاهره

www.kanzlersolar.com

من سابقه اعمال الشركه فمن اول عملنا مجموعه مشاريع

control catalog

Head office

Germany

Bernkastelerstr, 44

53175 Bonn

TEL :- 0049 15206400678



KANZLER SOLAR GERMANY

فرع القاهره Egypt Branch

901 شارع بورسعيد . حدائق القبه

امام مستشفى اليوم الواحد

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KANZLER SOLAR

CONTROL MPPT

Head office

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Kanzler solar Control MPPT
10 Amper

System	12Volt / 24Volt (automatic)
Maximaler Arbeitsstrom	10A
Verluststrom bei keiner Ladung	≤10mA
Max. Solar Input Voltage	Tracer-1210RN 100VDC
Max. PV input power	12V/ 130W // 24V /260W
Maximum Battery Voltage	32V
Abmessungen	156 x 97 x 68 / mm
Gewicht	0.55kg



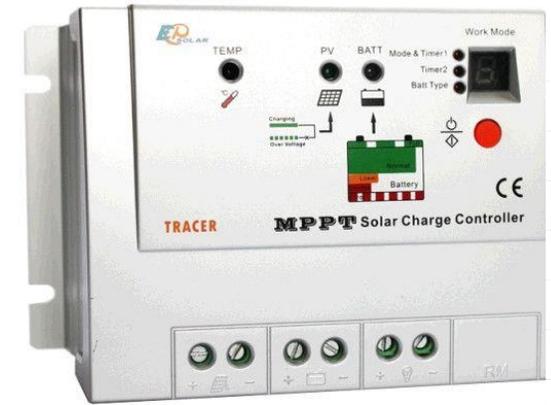
The MPPT charge controller is an MPP tracker for optimum charging batteries. The MPPT is an easy-to-use and reliable device that allows great flexibility in the mod configuration. This unit can also be used in conjunction with thin-film modules. This latest technology guarantees a professional battery care combined with modern des and excellent protection. MPP charge controller to bring up to 30% more charging current in cold temperatures and discharged batteries for acid and / gel batteries. The controllers convert the energy supplied from the module (current and voltage) to the optimum maximum power point, so that the charging current is increased

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Kanzler solar Control MPPT
20 Amper



The MPPT charge controller is an MPP tracker for optimum charging batteries. The MPPT is an easy-to-use and reliable device that allows great flexibility in the mod configuration. This unit can also be used in conjunction with thin-film modules. This latest technology guarantees a professional battery care combined with modern des and excellent protection. MPP charge controller to bring up to 30% more charging current in cold temperatures and discharged batteries for acid and / gel batteries. The controllers convert the energy supplied from the module (current and voltage) to the optimum maximum power point, so that the charging current is increased

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Kanzler solar Control MPPT
30 Amper

Charge controller 30A:

- * Can be combined with all solar modules 12V / 24V
- * **MPPT B - series: Tracer3215B**
- * **Monitors the solar system**
- * **Maximum Power Point**
- * **PWM control**
- * **Maintains the battery securely**
- * **Overload protection of the battery**
- * **Deep discharge battery protection**
- * **Multi-function - LED - display**



The MPPT charge controller is an MPP tracker for optimum charging batteries. The MPPT is an easy-to-use and reliable device that allows great flexibility in the mod configuration. This unit can also be used in conjunction with thin-film modules. This latest technology guarantees a professional battery care combined with modern des and excellent protection. MPP charge controller to bring up to 30% more charging current in cold temperatures and discharged batteries for acid and / gel batteries. The controllers convert the energy supplied from the module (current and voltage) to the optimum maximum power point, so that the charging current is increased

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Kanzler solar Control MPPT
45 Amper

Charge controller 45A:

- * **Automatic system detection 12V / 24V / 36V / 48V**
- * **Monitors the solar system**
- * **RJ45 interface**
- * **Maximum Power Point**
- * **Generates up to 40% more power**
- * **Maintains the battery securely**
- * **Overload protection of the battery**
- * **Deep discharge battery protection**
- * **Integrated display**
- * **Multi-function LCD display**
- * **Through the embedded Web server for monitoring via PC is possible**
- * **Reverse polarity protection by internal fuse**
- * **1 year manufacturer's warranty**



The MPPT charge controller is an MPP tracker for optimum charging batteries. The MPPT is an easy-to-use and reliable device that allows great flexibility in the mod configuration. This unit can also be used in conjunction with thin-film modules. This latest technology guarantees a professional battery care combined with modern des and excellent protection. MPP charge controller to bring up to 30% more charging current in cold temperatures and discharged batteries for acid and / gel batteries. The controllers convert the energy supplied from the module (current and voltage) to the optimum maximum power point, so that the charging current is increased

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Kanzler solar Contro MPPT
60 Amper

Charge controller 60A:

- * **Automatic system detection 12V / 24V / 36V / 48V**
- * **Monitors the solar system**
- * **RJ45 interface**
- * **Maximum Power Point**
- * **Generates up to 40% more power**
- * **Maintains the battery securely**
- * **Overload protection of the battery**
- * **Deep discharge battery protection**
- * **Integrated display**
- * **Multi-function LCD display**
- * **Through the embedded Web server for monitoring via PC is possible**
- * **Reverse polarity protection by internal fuse**
- * **1 year manufacturer's warranty**

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The MPPT charge controller is an MPP tracker for optimum charging batteries. The MPPT is an easy-to-use and reliable device that allows great flexibility in the module configuration. This unit can be used in conjunction with thin-film modules. This latest technology guarantees a professional

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KANZLER SOLAR

CONTROL

PWM BASIC

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Kanzler solar Control PWM Basic
10 Amper

Charge controller 10A

- * **Can be combined with all solar modules 12V / 24V**
- * **Monitors the solar system**
- * **Maintains the battery securely**
- * **Overload protection of the battery**
- * **Deep discharge battery protection**
- * **To charge two batteries simultaneously**
- * **RJ-45 interface for connecting an LCD display (MT1)**
- * **LED display**
- * **2 years warranty**



This 12 Volt 24 Volt Solar Charge Controller can be combined with solar module types all makes for 12V / 24V systems. The controller monitors the solar system and maintains the solar batteries optimally. The charging current is blocked, as soon as the solar battery is fully charged, all consumption is stopped before the battery is fully discharged and damaged. A charge controller ensures that the battery is not overcharged, so this is not too full (overload) or too warm. This happens because the power is automatically turned off for a given occasion by sensors. Furthermore, the charge controller ensures that when the sun does not shine at night for example, your current does not flow back to the modules. The charge controller should be about 10% more amperage (Ah) than the module are to be generated in the ideal case is capable of.

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kanzler solar Control PWM Basic
20 Amper

Charge controller 20A

- * **Can be combined with all solar modules 12V / 24V**
- * **Monitors the solar system**
- * **Maintains the battery securely**
- * **Overload protection of the battery**
- * **Deep discharge battery protection**
- * **LCD display**
- * **1 year manufacturer's warranty**



This 12 Volt 24 Volt Solar Charge Controller can be combined with solar module types all makes for 12V / 24V systems. The controller monitors the solar system and maintains the solar batteries optimally. The charging current is blocked, as soon as the solar battery is fully charged, all consumers are abegestellt before the battery is fully discharged and damaged. A charge controller ensures that your battery is not overcharged, so this is not too full (overload) or too warm. This happens because the power is automatically turned off for a given occasion by sensors. Furthermore, the charge controller ensures that when the sun does not shine at night for example, your current does not flow back to the modules. The charge controller should be about 10% more amperage (Ah) abkönnen as the modules are to be generated in the ideal case is capable of

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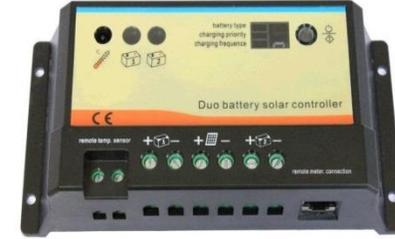
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kanzler solar Control PWM Basic
30 Amper

Systemspannung	12Volt / 24Volt (automatische Erkennung)
Maximaler Arbeitsstrom	30A
Verluststrom bei keiner Ladung	≤30mA
Max Draht-Bereich	16mm²
Lade-Endspannung	13,8Volt / 27,6Volt
Tiefentlade-Abschalt-Spannung	10,7Volt / 21,4Volt
Abmessungen	188*90*48(mm)
Gewicht	360g



This 12 Volt 24 Volt Solar Charge Controller can be combined with solar module types all makes for 12V / 24V systems. The controller monitors the solar system and maintains the solar batteries optimally. The charging current is blocked, as soon as the solar battery is fully charged, all consumers are abgestellt before the battery is fully discharged and damaged. A charge controller ensure that your battery is not overcharged, so this is not too full (overload) or too warm. This happens because the power is automatically turned off for a given occasion by sensors. Furthermore, the charge controller ensures that when the sun does not shine at night for example, your current does not flow back to the modules. † charge controller should be about 10% more amperage (Ah) abkönnen as the modules are to be generated in the ideal case is capable of

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kanzler solar Control PWM Basic
50 Amper

Systemspannung	12Volt / 24Volt (automatic)
Maximaler Arbeitsstrom	50A
Verluststrom bei keiner Ladung	≤30mA
Max Draht-Bereich	16mm²
Lade-Endspannung	13,7Volt / 27,4Volt
Tiefentlade-Abschalt-Spannung	10,7Volt / 21,4Volt
size	188*130*62(mm)
Weight	590g



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**Kanzler solar Control PWM Basic
60 Amper**

Systemspannung	12Volt / 24Volt (automatische Erkennung)
Maximaler Arbeitsstrom	60A
Verluststrom bei keiner Ladung	≤30mA
Max Draht-Bereich	16mm²
Lade-Endspannung	13,7Volt / 27,4Volt
Tiefentlade-Abschalt- Spannung	10,7Volt / 21,4Volt
Abmessungen	188*130*62(mm)
Gewicht	590g



This 12 Volt 24 Volt Solar Charge Controller can be combined with solar module types all makes for 12V / 24V systems. The controller monitors the solar system and maintains the solar batteries optimally. The charging current is blocked, as soon as the solar battery is fully charged, all consumers are abegestellt before the battery is fully discharged and damaged. A charge controller ensures that your battery is not overcharged, so this is not too full (overload) or too warm. This happens because the power is automatically turned off for a given occasion by sensors. Furthermore, the charge controller ensures that when the sun does not shine at night for example, your current does not flow back to the modules. The charge controller should be about 10% more amperage (Ah) abkönnen as the modules are to be generated in the ideal case is capable of

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KANZLER SOLAR
CONTROL
PWM PREMIUM

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kanzler solar Control PWM premium

10 Amper

- **Charge Controller 10A**
- **Can be combined with all solar modules 12V / 24V**
- **Country Star Series: LS1024B**
- **Monitors the solar system**
- **PWM control**
- **Maintains the battery securely**
- **Overload protection of the battery**
- **Deep discharge battery protection**
- **Multi-function - LED - display**
- **1 year garanty**
- **System voltage 12V / 24V (automatic detection)**
- **Model LS1024B - with max 50V solar power**

Dimensions 138.6 x 69.3 x 37 mm

Weight 0.13 kg



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kanzler solar Control PWM premium

20 Amper

Charge controller 20A:

- * Can be combined with all solar modules 12V / 24V
- * Country Star Series: LS2024B
- * Monitors the solar system
- * PWM control
- * Maintains the battery securely
- * Overload protection of the battery
- * Deep discharge battery protection
- * Multi-function - LED - display
- * 1 year manufacturer's warranty

System voltage 12V / 24V (automatic detection)

Model LS2024B - with max 50V solar power

Dimensions 147 x 50 x 47.8 mm

Weight 0.3 kg



.V or 24V system? - This can be freely selected 12 (1

What is the difference between Polycrystalline and Monocrystalline? - In Monocrystalline the manufacturing process is complex and requires more energy than Polycrystalline, therefore Polycrystalline is also cheaper. Basically Monocrystalline solar cells or solar panels also have a high efficiency - generate more electricity than Polycrystalline at the same area

Turn it parallel or in series? - That depends on whether you want to double your current or voltage at the same strong solar modules. Turn these modules in parallel, respectively, the current doubles (Ah) of your system (positive to positive and negative to connect to negative), whereas if y , ((positive to negative, and so on) the voltage doubles your modules in series connection itself (V

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kanzler solar Control PWM premium

30 Amper

- * 1x Charge Controller 30A
- * 1x English User Manual

Description of controllers:

Charge controller 30A:

- * Can be combined with all solar modules 12V / 24V
- * Country Star Series: LS3024B
- * Monitors the solar system
- * PWM control
- * Maintains the battery securely
- * Overload protection of the battery
- * Deep discharge battery protection
- * Multi-function - LED - display
- * 1 year manufacturer's warranty



:Frequently emerging issues

.V or 24V system? - This can be freely selected12 (1

What is the difference between Polycrystalline and Monocrystalline? - In Monocrystalline the manufacturing process is complex and requires more energy than Polycrystalline, therefore Polycrystalline is also cheaper. Basically Monocrystalline solar cells or solar panels also have a high efficiency - generate more electricity than Polycrystalline at the same area

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Kanzler solar Control PWM premium

40 Amper

- * 1x Charge Controller 40A
- * 1x English User Manual

Description of controllers:

Charge controller 40A:

- * Can be combined with all solar modules 12V / 24V
- * View Star Series: VS4024N
- * Monitors the solar system
- * PWM control
- * Maintains the battery securely
- * Overload protection of the battery
- * Deep discharge battery protection
- * Multi-function - LCD and LED - display
- * 1 year manufacturer's warranty



:Frequently emerging issues

.V or 24V system? - This can be freely selected12 (1

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Kanzler solar Control PWM premium

50 Amper

Charge controller 50A:

- * Can be combined with all solar modules 12V / 24V
- * View Star Series: VS5024N
- * Monitors the solar system
- * PWM control
- * Maintains the battery securely
- * Overload protection of the battery
- * Deep discharge battery protection
- * Multi-function - LCD and LED - display
- * 1 year manufacturer's warranty

System voltage 12V / 24V (automatic detection)
Maximum operating current 50A
Model VS5024N - max 48V solar power
Dimensions 205 x 119 x 66 mm
Weight 1.2 kg



:reqlently emerging issues

.V or 24V system? - This can be freely selected12 (1

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kanzler solar Control PWM premium

60 Amper

- * 1x Charge Controller 60A
- * 1x English User Manual

Description of controllers:

Charge controller 60A:

- * Can be combined with all solar modules 12V / 24V
- * View Star Series: VS6024N
- * Monitors the solar system
- * PWM control
- * Maintains the battery securely
- * Overload protection of the battery
- * Deep discharge battery protection
- * Multi-function - LCD and LED - display
- * 1 year manufacturer's warranty



:reqlently emerging issues

.V or 24V system? - This can be freely selected12 (1

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