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PRODUCT SERIES 1: USB DC-DC CONVERTER



DC-DC Converter 12V to 5V 3A 15W Output USB Type-C Step Down Converter Buck
Module Power Adapter for Car Charging Mobile Phones
Part Number: ET14044464026S



Features:

Stable and Reliable New Technology.

Anti-Vibration and Anti-Shock

Stable Performance and Low Power Consumption

High Integration and High Conversion Efficiency

Specification:

Input Voltage: DC 12V

Output Voltage: DC 5V

Output Current: 3A (max.)

No-Load Current: 10mA

Output Power: 15W (max.)

Conversion Efficiency: 96%

Output Type: Type-C USB

DC-DC Converter 12V to 5V USB Type-C Right Angle Step Down Converter Output 3A
15W Buck Module Power Adapter for Car Charging Mobile Phones
Part Number: ET14044464026S



- Specification:
- Input voltage: DC12V (wide voltage range: 8-22V)
- Output voltage: DC 5V
- Output current: 3A (Max)
- Output power: 15W (Max)
- Output connector type: Right angle Type-C
- Conversion efficiency: 96%
- Waterproof rating: IP68
- Operating temperature: -40°C~+80°C
- Size: 46 x 27 x 14mm/1.81 x 1.06 x 0.55 inch

DC-DC Converter 12V 24V to 5V 3A 15W Mini USB DC DC Buck Converter Step Down Car Charger

Part Number: ET14044464026S



- Specifications:
- Module Properties: non-isolated buck module (BUCK)
- Rectification: synchronous rectification
- Minimum pressure difference: 3V
- Conversion efficiency: 96%
- Soft-start time: 500mS
- Output ripple: 50mV (MAX) 20M-bandwidth
- Full load temperature rise: 50°C
- Load regulation: $\pm 1\%$
- Voltage regulation: $\pm 2\%$
- Dynamic response speed: 5% 200uS

DC DC Converter 12V to 5V 3A 15W Buck Voltage Converter Dual Power Output Power
Supply USB Female + Micro USB Cable Connector
SKU No.: ET522564435876D



- Description:
- Port Interface: USB + Micro USB Cable Connector
- Input voltage: DC 12V (8-22V)
- Output voltage: DC 5V
- Output Current: 3A MAX
- Synchronous rectification, low heat
- Over-current, over-temperature, short circuit protection

DC-DC Converter 12V To 5V 3A 15W Dual USB (USB female + mini USB) Power Adapter DC To DC Buck Converter Step Down Power Supply Module Car Power Converter Double USB Cable Connector Car Charger 8-22V To 5V Waterproof
SKU No.: ET522564435876B



- Description:
- 1 female USB port+1 male mini usb plug
- Input voltage: 8V-22V
- Output Voltage: 5V ,1A. MAX 3A
- >Input voltage: DC 12V (8V-22V)
- >Output voltage: 5V, 1 female USB port+1 male mini usb plug (for USB and Mini USB charging ports (can't be used for iphone).
- >Output current: MAX 3A , working current 1A
- >Output Power:15W
- Input cable length: Approx 12CM
- Output USB cable length: Approx 30CM

DC/DC Converter 12V to 5V 3A 15W Buck Voltage Converter Dual Power Output over
Supply USB Female + Right Angled Micro USB Cable Connector
SKU No.: ET521387797469



- Description:
- Port Interface: USB female + Right Angled Micro USB Cable Connector
- Input voltage: DC 12V (8-22V)
- Output voltage: DC 5V
- Output Current: 3A MAX
- Output power: 15W
- Synchronous rectification, low heat
- Over-current, over-temperature, short circuit protection

DC/DC Converter 12V 24V to 5V 3A 15W Step-down Power Adapter Converter Crocodile
Clip USB Female Port for Car Smartphone Charging
SKU No.: ET41593304421



- Specification:
- Input voltage: 12V 24V (8-35V)
- Output voltage: 5V
- Output interface: Single USB Female
- Output current: 3A MAX (Suggest control the long-term work current is less than 2A, and don't full loaded work in a long time.)
- Working temperature: -25°C~+60°C
- Transfer efficiency: 90% MAX
- Input cable length: Approx. 12cm / 4.7inch
- Output cable length: Approx. 33cm / 13inch
- Main body size: Approx. 46*27*14mm (L*W*H)

DC-DC Converter 12V 24V To 5V 3A 15W Dual USB (USB female + Micro USB) Power
Adapter DC To DC Buck Converter Step Down Power Supply Converter Buck Module
Car Power Converter Double USB Cable Connector Car Charger 8-35V To 5V
SKU No.: ET40102751705D



- Specifications:
- Module Properties: non-isolated buck module (BUCK)
- Rectification: synchronous rectification
- Minimum pressure difference: 3V
- Conversion efficiency: 90%
- Soft-start time: 500mS
- Output ripple: 50mV (MAX) 20M-bandwidth
- Full load temperature rise: 50° c
- Load regulation: $\pm 1\%$
- Voltage regulation: $\pm 2\%$
- Dynamic response speed: 5% 200uS
- Operating Temperature: Industrial (-40° c to +85° c)

DC DC Converter 12V 24V To 5V 3A 15W Dual USB (USB Female + mini USB) Power
Adapter DC To DC Buck Converter Step Down Power Supply Converter Buck Module
Car Power Converter Double USB Cable Connector Car Charger 8-35V To 5V
SKU No.: ET40102751705B



- Specifications:
- Module Properties: non-isolated buck module (BUCK)
- Rectification: synchronous rectification
- Minimum pressure difference: 3V
- Conversion efficiency: 90%
- Soft-start time: 500mS
- Output ripple: 50mV (MAX) 20M-bandwidth
- Full load temperature rise: 50° c
- Load regulation: $\pm 1\%$
- Voltage regulation: $\pm 2\%$
- Dynamic response speed: 5% 200uS
- Operating Temperature: Industrial (-40° c to +85° c)

DC/DC Converter 12V 24V To 5V 3A 15W Dual Power Adapter DC To DC Buck
Converter Step Down Power Supply Converter Buck Module Car Power Converter
Double USB Cable Connector Car Charger 8V-35V To 5V
SKU No.: ET40102751705A



- Specifications:
- Module Properties: non-isolated buck module (BUCK)
- Rectification: synchronous rectification
- Minimum pressure difference: 3V
- Conversion efficiency: 90%
- Soft-start time: 500mS
- Output ripple: 50mV (MAX) 20M-bandwidth
- Full load temperature rise: 50° c
- Load regulation: $\pm 1\%$
- Voltage regulation: $\pm 2\%$
- Dynamic response speed: 5% 200uS
- Operating Temperature: Industrial (-25° c to +60° c)

DC 12V 24V to 5V 3A 15W USB Charger Converter Module Cable Power Adapter Right
Angled micro USB Plug for Electric Car USB Charger Adapter
SKU No.: ET38578008859E



- Specification:
- Type: 12V 24V to 5V DC/DC Power Converter
- Input voltage: 8-35V (This is Step-down Power Converter, so please ensure the input voltage is 3V higher than the output voltage.)
- Output voltage: 5V
- Output interface: Single USB right angled micro 5Pin male plug
- Output current: 3A MAX (Suggest control the long-term work current is less than 2A, and don't full loaded work in a long time.)
- Working temperature: -25°C ~ +60°C
- Transfer efficiency: 90% MAX
- Input cable length: Approx. 12cm / 4.7inch
- Output cable length: Approx. 33cm / 13inch
- Main body size: Approx. 46*27*14mm (L*W*H)

DC-DC Converter 12V/24V to 5V 3A 15W Micro USB Charger Converter Module Cable
Power Adapter for Electrobike Car
SKU No.: ET38578008859D



- Specification:
- Type: 12V 24V to 5V DC/DC Power Converter
- Input voltage: 8-35V (This is Step-down Power Converter, so please ensure the input voltage is 3V higher than the output voltage.)
- Output voltage: 5V
- Output interface: Single USB micro 5Pin male plug
- Output current: 3A MAX (Suggest control the long-term work current is less than 2A, and don't full loaded work in a long time.)
- Working temperature: -25°C~+60°C
- Transfer efficiency: 90% MAX
- Input cable length: Approx. 12cm / 4.7inch
- Output cable length: Approx. 33cm / 13inch
- Main body size: Approx. 46*27*14mm (L*W*H)

DC-DC Converter 12V/24V to 5V 3A 15W USB Charger Converter Module Cable Power
Adapter with Installation Fix Holes for Electrobike Car
SKU No.: ET38578008859C



- Specification:
- Type: 12V 24V to 5V DC/DC Power Converter
- Input voltage: 8-35V (This is Step-down Power Converter, so please ensure the input voltage is 3V higher than the output voltage.)
- Output voltage: 5V
- Output interface: Single USB Fixed Mount
- Output current: 3A MAX (Suggest control the long-term work current is less than 2A, and don't full loaded work in a long time.)
- Working temperature: -25°C~+60°C
- Transfer efficiency: 90% MAX
- Input cable length: Approx. 12cm / 4.7inch
- Output cable length: Approx. 33cm / 13inch
- Main body size: Approx. 46*27*14mm (L*W*H)

DC-DC Converter 12V/24V to 5V 3A 15W mini 5Pin USB Charger Converter Module
Cable Power Adapter for Car Motorcycle
SKU No.: ET38578008859B



- Specification:
- Type: 12V 24V to 5V DC/DC Power Converter
- Input voltage: 8V-35V (This is Step-down Power Converter, so please ensure the input voltage is 3V higher than the output voltage.)
- Output voltage: 5V
- Output interface: Single USB mini 5Pin male plug
- Output current: 3A MAX (Suggest control the long-term work current is less than 2A, and don't full loaded work in a long time.)
- Working temperature: -25°C~+60°C
- Transfer efficiency: 90%
- Input cable length: Approx. 12cm / 4.7inch
- Output cable length: Approx. 33cm / 13inch
- Main body size: Approx. 45*27*14Mm (L*W*H)

DC-DC Converter 12V/24V to 5V 3A 15W USB Charger Converter Module Cable Power
Adapter for Auto Car USB Charger
SKU No.: ET38578008859A



- Specification:
- Type: 12V 24V to 5V DC/DC Power Converter
- Input voltage: 8-35V (This is Step-down Power Converter, so please ensure the input voltage is 3V higher than the output voltage.)
- Output voltage: 5V
- Output interface: Single USB Female
- Output current: 3A MAX (Suggest control the long-term work current is less than 2A, and don't full loaded work in a long time.)
- Working temperature: -25°C~+60°C
- Transfer efficiency: 90% MAX
- Input cable length: Approx. 12cm / 4.7inch
- Output cable length: Approx. 33cm / 13inch
- Main body size: Approx. 4.5*2.7*1.9cm (L*W*H)

DC-DC Converter 12V/24V (8-50V) to 5V 3A 15W Buck Voltage Regulator Transformer
USB Female + Micro USB Plug for Car Truck Boat Forklift
SKU No.: ET38012503176D2



- Parameters:
- Input voltage: DC 12V/24V (8-50V)
- Output voltage: DC 5V
- Output current: 3A Max, 2A (long-term work)
- Output power: 15W Max
- Overcurrent protection: 2.5A
- Operating temperature: -25° c to +60° c
- Installation wire length: Input 13-14cm, Output 35cm
- Dimension: 46 * 32 * 18mm
- Protection functions: Overcurrent protection, Overtemperature protection, Short-circuit protection, Overvoltage protection

DC-DC Converter 12V/24V (8-50V) to 5V 3A 15W Buck Voltage Regulator Transformer
Micro USB Plug for Car Truck Boat Forklift
SKU No.: ET38012503176D



- Parameters:
- Input voltage: DC 12V/24V (8-50V)
- Output voltage: DC 5V
- Output current: 3A Max, 2A (long-term work)
- Output power: 15W Max
- Overcurrent protection: 2.5A
- Operating temperature: -25° c to +60° c
- Installation wire length: Input 13-14cm, Output 35cm
- Dimension: 46 * 32 * 18mm
- Protection functions: Overcurrent protection, Overtemperature protection, Short-circuit protection, Overvoltage protection

DC-DC Converter 12V/24V (8-50V) to 5V 3A 15W Buck Regulator Power Supply Module
Step Down Reducer Transformer with Dual USB With Ear for Cell Phone MP3 MP4 Car
GPS

SKU No.: ET38012503176C2



- Parameters:
- Input voltage: 12V/24V (DC 8-50V)
- Output voltage: DC 5V
- Output current: 3A Max, 2A (long-term work)
- Output power: 15W Max
- Overcurrent protection: 2.5A
- Operating temperature: -25° c to +60° c
- Installation wire length: Input 13-14cm, Output 35cm
- Dimension: 46 * 32 * 18mm
- Protection functions: Overcurrent protection, Overtemperature protection, Short-circuit protection, Overvoltage protection

DC-DC Converter 12V/24V (8-50V) to 5V 3A 15W Volt Buck Step-down Regulator Power
Supply Module Volt Converter Board with USB Socket with Ear Adapter Connector
Waterproof

SKU No.: ET38012503176C



- Parameters:
- Input voltage: DC 12V/24V (8-50V)
- Output voltage: DC 5V
- Output current: 3A Max, 2.5A long-term work
- Output power: 15W Max
- Output ripple peak: 100MV
- Conversion rate: 85%(96% Max)
- Low pressure: 2V
- Full load temperature rise: 40 ° c
- Operating temperature: industrial grade -25 ° c to +65 ° c
- Dimension: 47 * 32 * 18mm

DC-DC Converter 12V 24V (8-50V) to 5V 3A Waterproof Buck Converter Voltage
Regulator Reducer Step Down Power Supply Module Voltage Transformer Board with
Female & Mini USB Connector
SKU No.: ET38012503176B2



- Feature:
- Input Voltage: DC 12V/24V (8-50V)
- Output voltage: DC 5V
- Output Current: 3A MAX, 2.5A long-term work
- Output Power: 15W MAX
- Conversion rate: 85%
- Epoxy Glue, waterproof, shock, moisture
- Reverse polarity protection, overcurrent and overtemperature protection, automatic recovery after troubleshooting
- Dimension: 46 * 32 * 18mm
- Low pressure: 2V
- Operating temperature: Industrial grade -25 ° c - +65 ° c (ambient temperature exceeds 40 ° c, please reduce power, or enhance heat dissipation)
- Full load temperature rise: 40 ° c

DC-DC 12V/24V (8-50V) to 5V 3A 15W Volt Buck Converter Step-down Regulator Power
Supply Module Volt Inverter Board with mini USB Adapter Connector Waterproof
SKU No.: ET38012503176B



- Parameters:
- Input voltage: DC 12V/24V (8-50V)
- Output voltage: DC 5V
- Output current: 3A Max, 2.5A long-term work
- Output power: 15W Max
- Output ripple peak: 100MV
- Conversion rate: 85%(96% Max)
- Low pressure: 2V
- Full load temperature rise: 40 ° c
- Operating temperature: industrial grade -25 ° c to +65 ° c
- Dimension: 47 * 32 * 18mm

DC-DC Converter 12V 24V (8-50V) to 5V 3A 15W Waterproof Buck Voltage Converter
Dual USB Socket Power Supply Module for Car Truck Forklift Boat
SKU No.: ET38012503176A2



- Specification:
- Input Voltage: DC 12V/24V (8-50V)
- Output voltage: DC 5V
- Output Current: 3A MAX, 2.5A long-term work
- Output Power: 15W MAX
- Output ripple peak: 100
- Conversion rate: 85%
- Epoxy Glue, waterproof, shock, moisture
- Reverse polarity protection, overcurrent and overtemperature protection, automatic recovery after troubleshooting
- Dimension: 47 * 32 * 18mm
- Low pressure: 2V

DC-DC Converter 12V 24V (8-50V) to 5V 3A 15W Step-down Regulator Volt Buck Power
Supply Module Volt Inverter Board with USB Female Socket Connector Waterproof
SKU No.: ET38012503176A



- Product description
- Parameters:
- Input voltage: 12V/24V (DC 8-50V)
- Output voltage: DC 5V
- Output current: 3A Max, 2.5A long-term work
- Output power: 15W Max
- Output ripple peak: 100MV
- Conversion rate: 85%(96% Max)
- Low pressure: 2V
- Full load temperature rise: 40 ° C
- Operating temperature: industrial grade -25 ° C to +65 ° C
- Dimension: 47 * 32 * 18mm

DC DC Converter 12V to 5V 3A 15W Dual Power Output Buck Voltage Power Supply
USB Female Socket + Micro USB Cable Connector
SKU No.: ET18385009456D

- Description:

Port Interface: USB + Micro USB Cable Connector

Input voltage: DC 12V (8-22V)

Output voltage: DC 5V

Output Current: 3A MAX

Synchronous rectification, low heat

Over-current, over-temperature, short circuit protection



DC/DC Converter 12V To 5V 3A 15W Dual Female USB DC To DC Buck Converter Step
Down Power Supply Module
SKU No.: ET18385009456C



- Description :
- Input voltage: 12V (8V-22V)
- >Output voltage: 5V, 2 type A USB female Ports(for USB charging ports(can't be used for iphone).
- >Output current: MAX 3A , working current 1A
- >Output Power:15W
- Input cable length: Approx 12CM
- >Out put USB cable length: Approx 30CM

DC/DC Converter 12V to 5V 3A 15W Auto Voltage Buck Transformer Board Step-down
DC Volt Regulator Mini Electrical Power Converter with 5 Pins Mini USB Adapter
Connector Plug Dual Output
SKU No.: ET18385009456B



- Description:
- 1 female USB port+1 male mini usb plug
- Input voltage: 8V-22V
- Output Voltage: 5V ,1A. MAX 3A
- >Input voltage: DC 12V (8V-22V)
- >Output voltage: 5V, 1 female USB port+1 male mini usb plug(for USB and Mini USB charging ports(can't be used for iphone).
- >Output current: MAX 3A , working current 1A
- >Output Power:15W
- Input cable length: Approx 12CM
- Output USB cable length: Approx 30CM

DC DC Converter 12V To 5V 3A 15W Dual Power Adapter DC To DC Buck Converter
Step Down Power Supply Module Car Power Converter Double USB Cable Connector
Car Charger 8-22V To 5V
SKU No.: ET18385009456A



- Features:
- 12 Volt Waterproof DC Converter
- Input voltage: DC 12V (8V-22V) ; Output voltage: 5V, 2 type A USB female Ports(for USB charging ports(can't be used for iphone)
- Output current: MAX 3A , working current 1A ; Output Power:15W. Work temperature:-25°C+60°C
- Module Properties: non-isolated buck module (Buck)
- Input cable length: Approx 12CM ; Out put USB cable length: Approx 30CM.
- Double Female USB Output
- This product only accept input voltage DC8-22V, output 5V 3A 15W, And please don't make water into USB port .
- Input voltage: DC 12V (8V-22V)
- Output voltage: 5V, 2 type A USB female Ports (for USB charging ports, can't be used for iphone).
- Output current: MAX 3A , working current 1A
- Output Power:15W
- Input cable length: Approx 12CM
- Out put USB cable length: Approx 30CM
- Dimension: 46*27*14mm
- Weight: 60g

DC-DC Converter 12V to 5V 3A 15W Buck Module 12V Convert to 5V USB Output Power
Adapter Waterproof Car USB Charger
SKU No.: ET14044464026A



- Features :
- -Use imported and integrated switching regulator modules manufacturing, quality is stable and reliable.
- - Synchronous rectification, the conversion rate is 96% or more, very low heat.
- - Over voltage, over current, over temperature, short circuit, it can be auto protection, and can work in normal condition when restored.
- - Epoxy potting, seismic, water, moisture, dust, long term stable and reliable quality.
- - Super-thin, small size, high efficiency, easy installation and use.
- - Input voltage: DC8-20V, (12V changes to 5V)
- - Output parameter: DC 5V 3A, 15W
- - Size: 46x27x14mm
- -Weight: 40g

DC DC Converter Step Down Module 12V to 5V 3A 15W Mini USB Output Power Adapter
Car Motorcycle Electrobike USB Charger Adapter
SKU No.: ET14044464026B



- Features :
- -100% Brand New
- -Use imported and integrated switching regulator modules manufacturing,
- quality is stable and reliable.
- - Synchronous rectification,, the conversion rate is 96% or more, very low heat.
- - Over voltage, over current, over temperature, short circuit, it can be auto protection,
- and can work in normal condition when restored.
- - Epoxy potting, seismic, water, moisture, dust, long term stable and reliable quality.
- - Super-thin, small size, high efficiency, easy installation and use.
- - Input voltage: DC8-20V, (12V changes to 5V)
- - Output parameter: DC5V 3A, 15W

DC-DC Converter 12V to 5V 3A 15W Step Down Module Micro USB Output Buck Power
Adapter for Car Motorcycle Electrobike
SKU No.: ET14044464026D



- Features:
- -100% Brand New
- -Use imported and integrated switching regulator modules manufacturing,
- quality is stable and reliable.
- - Synchronous rectification,, the conversion rate is 96% or more, very low heat.
- - Over voltage, over current, over temperature, short circuit, it can be auto protection,
- and can work in normal condition when restored.
- - Epoxy potting, seismic, water, moisture, dust, long term stable and reliable quality.
- - Super-thin, small size, high efficiency, easy installation and use.
- - Input voltage: DC8-20V, (12V changes to 5V)
- - Output parameter: DC5V3A, 15W

DC/DC Converter 12V to 5V 3A 15W Step Down Converter Buck Module Power Supply
Charger DC8-20V to DC5V for Car Phone USB Output with Ear
SKU No.: ET14044464026C



- Features :
- -Use imported and integrated switching regulator modules manufacturing, quality is stable and reliable.- Synchronous rectification,, the conversion rate is 96% or more, very low heat.
- - Over voltage, over current, over temperature, short circuit, it can be auto protection, and can work in normal condition when restored.
- - Epoxy potting, seismic, water, moisture, dust, long term stable and reliable quality.
- - Super-thin, small size, high efficiency, easy installation and use.
- - Input voltage: DC8-20V, (12V changes to 5V)
- - Output parameter: DC5V3A, 15W
- - Size: 46x27x14mm

DC-DC 12V to 5V 3A 15W Converter Voltage Step Down Regulator with 90 degree Right Angled Micro USB for Car Motorcycle Electric Bike Smart phone
SKU No.: ET14044464026E



- Specifications:
- Type: Non-isolated step-down voltage converter
- Output Connector: Micro USB
- Input Voltage: DC12V
- Output Voltage: DC5V
- Output Current: 3A, 2.5A(no need to enhance heat dissipation for long time use)
- Output Power: 15W
- Max. Efficiency: >95%
- Operating Temperature: -25°C to 60°C
- Overall Length: 50cm/19.7in
- Block Size: 6.4*2.7*1.4cm/2.5*1.1*0.6in
- Weight: 45g