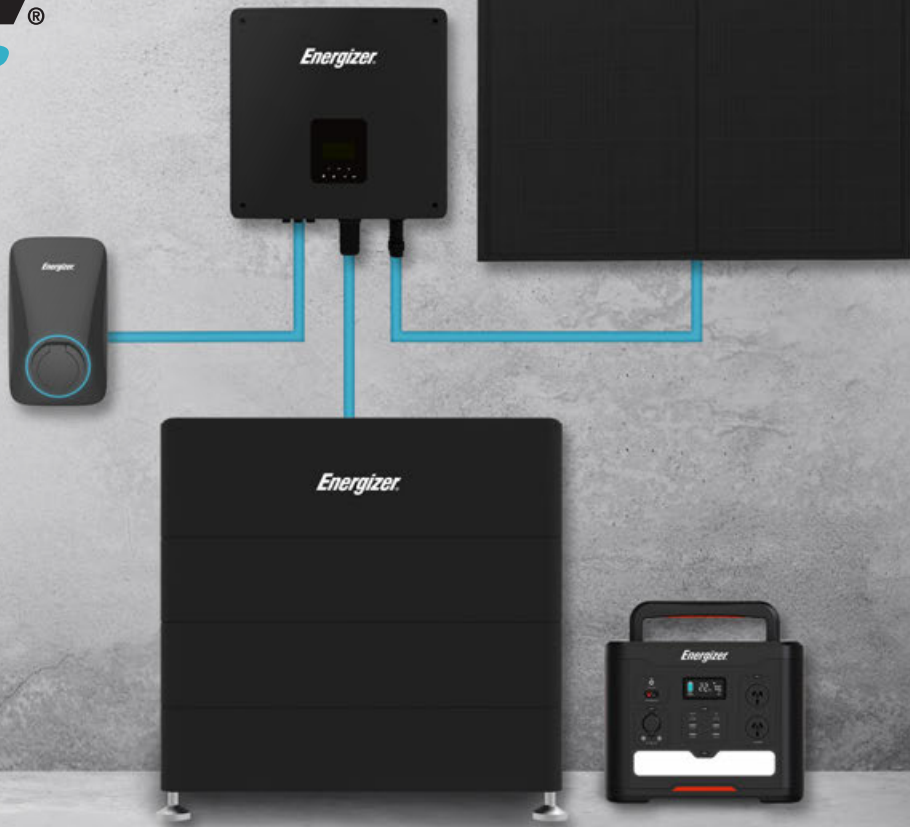


Energizer[®] ***SOLAR***




**Power your home and lifestyle
with a brand you can **trust.****



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A photograph of a house with solar panels installed on the roof. The house has a brown tiled roof and a green chimney. In the foreground, there is a well-maintained garden with green grass, bushes, and two wooden chairs with a small table between them. The sky is clear and blue. A white curved graphic element is on the right side of the image.

Providing clean energy solutions for today and tomorrow.

Our Story

Energizer. Solar is being launched globally by 8 Star Energy, a licensed partner of battery giant Energizer.

We are a powerful team of technical experts, marketing creatives, and experienced sales professionals, and we are on a mission to propel the Energizer. brand into the solar and portable energy markets globally.



A brand **rich** **with history.**

Energizer. began innovating in 1896 with the creation of the world's first dry cell battery. Since then, the Energizer. brand has become synonymous with innovation and emerging technologies.

Energizer. Solar is driving Energizer's pioneering spirit forward to bring better access to clean energy solutions that improve people's lives and our planet.

Energizer.

A modern outdoor patio area with a white wall, a wooden door, and a black Energizer solar storage unit. The patio is paved with light-colored tiles. A large teal graphic element is overlaid on the left side of the image, containing text. A potted plant is visible next to the door.

Energizer® Solar Solar Storage

Our highly efficient energy storage systems store any unused solar energy to power the home at night, on cloudy days, or during a power outage.

With homes becoming more energy dependant, it is required to have reliable and efficient power when it is needed. With the Energizer. EnergiStack, we have made it easy to expand your energy capacity with our easily stackable storage modules.



Energizer.

EnergiStack

Hybrid Stackable Battery

The Energizer. EnergiStack is a high-performance, scalable battery storage system. The modular design allows for maximum flexibility, making it suitable for a broad range of storage applications.

Scalable modules to expand storage

90% Depth of Discharge

Wide temperature tolerance

Easy modular design

Indoor and outdoor installation

10 year warranty



**Expandable
Storage**



**High
Performance**



**IP65
Rated**



**Remote
Monitoring**

EnergiStack Models

EnergiStack

2.9kWh Hybrid Stackable Battery



2.88kWh Nominal Capacity
Wide Temperature Tolerance
10 Year Warranty

Storage capacities between **5.76kWh and 20.16kWh.**

EnergiStack

4.8kWh Hybrid Stackable Battery



4.74kWh Nominal Capacity
Wide Temperature Tolerance
10 Year Warranty

Storage capacities between **9.32kWh and 33.24kWh.**



KEY SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Battery Type	LiFePO4 Prismatic Cell
Recommended Discharge Current [A]	25
Max. Charge / Discharge Current [A]	50
Peak Discharge Current [A]	65A @ 30sec
Depth of Discharge	90%
Communication	CAN, RS485
Display	Main Unit: LED, Sub Unit: LED
Scalability [Single Phase Inverter]	Min 2 Modules / Max 7 Modules
Scalability [Three Phase Inverter]	Min 4 Modules / Max 7 Modules

OPERATING CONDITIONS

Installation Location	Outdoor / Indoor
Operating Temperatures [°C / °F]	-10 to 55°C / 14 to 131°F
Storage Temperatures [°C / °F]	-20 to 55°C / -4 to 131°F
Cooling Method	Natural Convection

PHYSICAL CHARACTERISTICS

Main Unit Dimensions [W x H x D mm]	2.9kW: 570 x 230 x 380	4.8kW: 570 x 248 x 380
Main Unit Weight [kg]	2.9kW: 34.7	4.8kW: 42.5
Sub Unit Dimensions [W x H x D mm]	2.9kW: 570 x 120 x 380	4.8kW: 570 x 138 x 380
Sub Unit Weight [kg]	2.9kW: 32.4	4.8kW: 39.5

WARRANTY

Standard Warranty	10 Years
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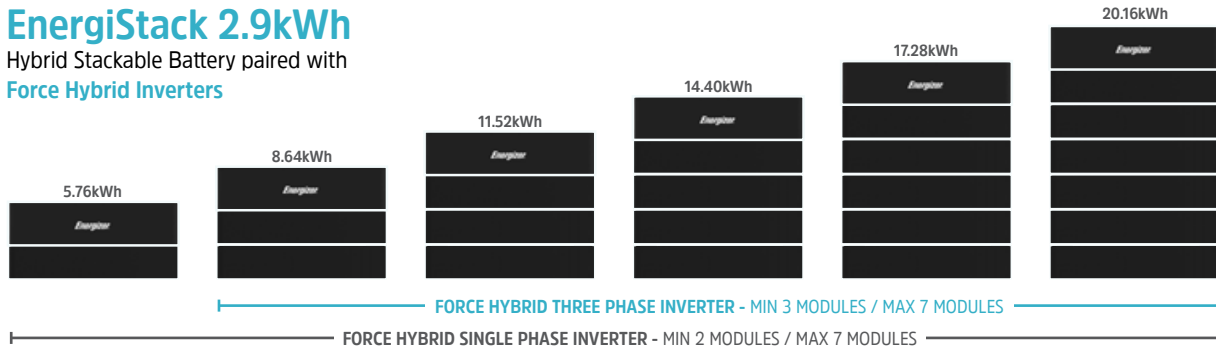
SCAN FOR MORE INFORMATION



EnergiStack Configurations

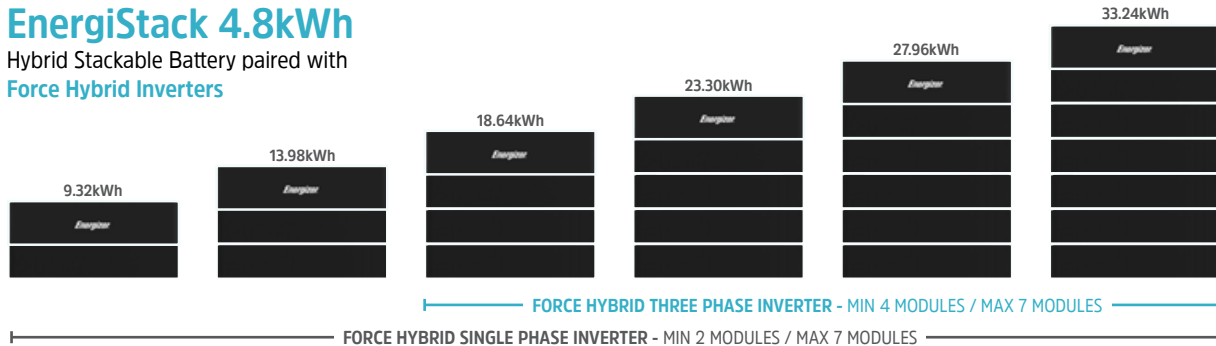
EnergiStack 2.9kWh

Hybrid Stackable Battery paired with
Force Hybrid Inverters



EnergiStack 4.8kWh

Hybrid Stackable Battery paired with
Force Hybrid Inverters





Energizer

Energizer® Solar Hybrid Inverters

Energizer Solar Hybrid Inverters offer advanced features and are compatible with our high-voltage batteries. With the hybrid inverter, you're able to expand your solar system by adding our EnergiStack hybrid stackable battery.





Energizer

Force Series

Hybrid Solar Inverters

The Energizer Solar Hybrid Inverters are an essential part of the solar ecosystem. With a range of sizes to suit your energy needs, these compact, lightweight and weatherproof units are ideal for both indoor and outdoor installation.

IP65 rated

Optional export control

RS485, Wi-Fi, LAN, GPRS (optional) communications

Wide voltage range/low start-up voltage

Android and iPhone apps available



**Small &
Compact**



**High
Performance**



**IP65
Rated**



**Remote
Monitoring**

Force Hybrid Inverter Models

Force HS-AS

Single Phase Hybrid Inverter



Dual MPPT
3kW-6kW

Also available as an AC Battery Charge

When paired with the EnergiStack, capacity can go up to 27.8kWh.

Force HT-AT

Three Phase Hybrid Inverter



Dual MPPT
5kW-12kW

Also available as an AC Battery Charger

When paired with the EnergiStack, 10 stacks can be paralleled to provide a capacity up to 336kWh.



KEY SPECIFICATIONS

PV INPUT (ONLY FOR HYBRID)

Max. Input Power [W]	4500 - 9000
Max. Input Voltage [V]	600
Start-up Input Voltage [V]	75
Rated Input Voltage [V]	360
MPPT Operating Voltage Range [V]	80 - 550
Max. Input Current [A]	16/16
Max. Short-circuit Current [A]	20/20
No. of Independent MPP Trackers	2
No. of Strings Per MPP Tracker	1

Force HS-AS [3kW - 6kW]

Max. Input Power [W]	4500 - 9000
Max. Input Voltage [V]	600
Start-up Input Voltage [V]	75
Rated Input Voltage [V]	360
MPPT Operating Voltage Range [V]	80 - 550
Max. Input Current [A]	16/16
Max. Short-circuit Current [A]	20/20
No. of Independent MPP Trackers	2
No. of Strings Per MPP Tracker	1

Force HT-AT [5kW - 12kW]

Max. Input Power [W]	7500 - 15000
Max. Input Voltage [V]	1000
Start-up Input Voltage [V]	160
Rated Input Voltage [V]	720
MPPT Operating Voltage Range [V]	160 - 950
Max. Input Current [A]	14/14 , 26/14
Max. Short-circuit Current [A]	18/18, 36/18
No. of Independent MPP Trackers	2
No. of Strings Per MPP Tracker	1/1, 2/1

OPERATING CONDITIONS

Installation	Wall Mounted
Operating Temperatures [°C / °F]	-25 to 60°C
Noise Emission [dB]	<35
Cooling Method	Natural

Installation	Wall Mounted
Operating Temperatures [°C / °F]	-25 to 60°C
Noise Emission [dB]	<35
Cooling Method	Natural

Installation	Wall Mounted
Operating Temperatures [°C / °F]	-25 to 60°C
Noise Emission [dB]	<35
Cooling Method	Natural / Fan cooling

PHYSICAL CHARACTERISTICS

Dimensions [W x H x D]	434 x 418 x 185mm
Weight	22kg
Display	LCD, App, Website

Dimensions [W x H x D]	434 x 418 x 185mm
Weight	22kg
Display	LCD, App, Website

Dimensions [W x H x D]	449 x 519 x 198mm
Weight	28kg
Display	LCD, App, Website

WARRANTY

Standard Warranty	10 Years
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Standard Warranty	10 Years
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Standard Warranty	10 Years
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SCAN FOR MORE INFORMATION



Energizer® Solar String Inverters

Sleek, reliable and compact, the Energizer® Solar String Inverters are precision engineered to provide maximum performance, efficiency and longevity.





Energizer

Force Series String Solar Inverters

The Energizer® Solar String Inverters are lighter, smaller, and more powerful than traditional string inverters, making them a perfect fit to integrate into your home.

Optional export control

RS485, Wi-Fi, LAN, GPRS (optional) communications

Wide voltage range/low start-up voltage

Android and iPhone apps available



**Small &
Compact**



**High
Performance**



**IP65
Rated**



**Remote
Monitoring**

Force String Inverter Models

Force

Single Phase String Inverter



Dual MPPT
3kW-6kW

Force S

Single Phase String Inverter



Three MPPT
8kW-10kW

Force T

Three Phase String Inverter



Three MPPT
5kW-25kW

KEY SPECIFICATIONS

PV INPUT (ONLY FOR HYBRID)

	Force [3kW-6kW]	Force S [7kW-10.5kW]	Force T [5kW-25kW]
Max. Input Power [W]	4500 - 9000	10500 - 15750	7500 - 37500
Max. Input Voltage [V]	600/80	600	1100
Start-up Input Voltage [V]	120	120	140
Rated Input Voltage [V]	360	360	600
MPPT Operating Voltage Range [V]	80~550	80~550	140~1000
Max. Input Current [A]	14	14	14~28
Max. Short-circuit Current [A]	18	18	18.2
No. of Independent MPP Trackers	2	3	2
No. of Strings Per MPP Tracker	1	1	1/1, 2/2

OPERATING CONDITIONS

	Force [3kW-6kW]	Force S [7kW-10.5kW]	Force T [5kW-25kW]
Installation	Wall Mounted	Wall Mounted	Wall Mounted
Operating Temperatures [°C / °F]	-25 to 60°C	-25 to 60°C	-25 to 60°C
Noise Emission [dB]	<30	<30	<30~<55
Cooling Method	Natural Convection	Natural Convection	Natural Convection / Fan

PHYSICAL CHARACTERISTICS

	Force [3kW-6kW]	Force S [7kW-10.5kW]	Force T [5kW-25kW]
Dimensions [W x H x D]	402 x 453 x 148mm	380 x 440 x 167mm	370 x 480 x 183.5mm
Weight	15.5kg	19kg	17~21kg
Display	LCD, App, Website	LCD, App, Website	LCD, App, Website

WARRANTY

	Force [3kW-6kW]	Force S [7kW-10.5kW]	Force T [5kW-25kW]
Standard Warranty	10 + 2 Years	10 Years	10 Years

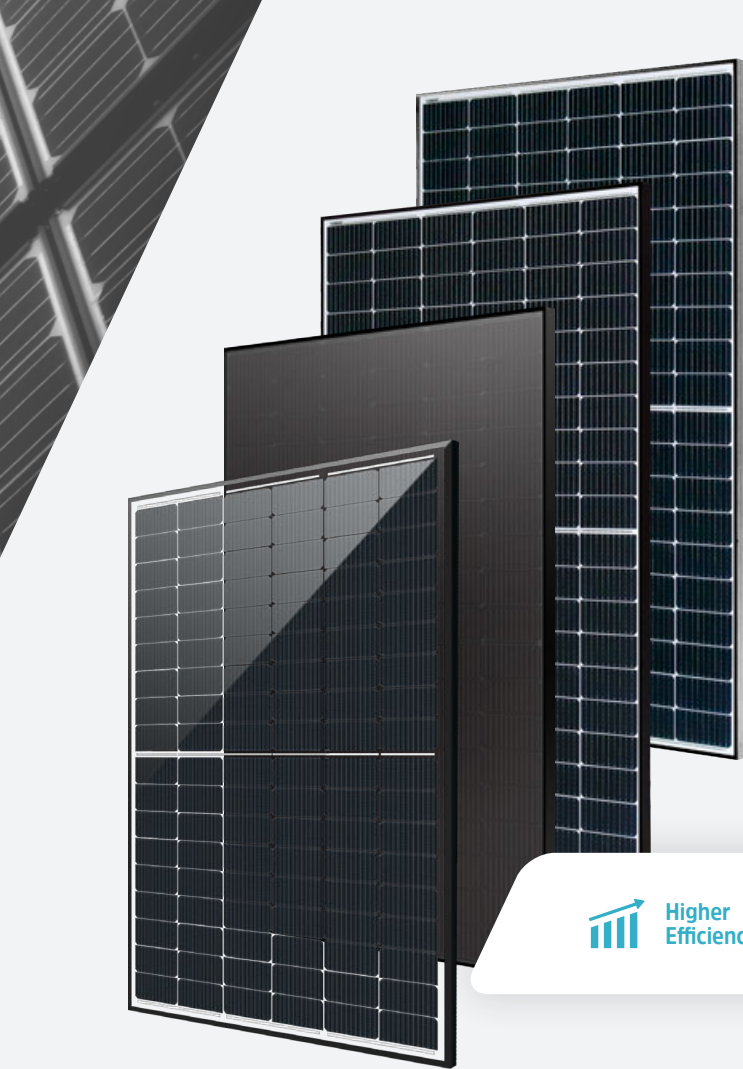
SCAN FOR MORE INFORMATION





Energizer[®] Solar Solar Panels

Built using Mono-crystalline PERC technology, the Energizer. Solar Panels range combines two of the best technologies in the market.



Energizer

Beam Series

Solar Panels

Energizer Solar panels are quality checked by Artificial Intelligence Technology to ensure only the best performing solar panels are used. Our panels are then run through a series of vigorous tests to ensure the panels are built to last to withstand the harshest environments.

Better performance in shaded and low-light conditions

Low operating temperatures

Excellent performance under real conditions

Engineered and designed to withstand harsh environments

Tier 1 manufactured, backed by Lloyds



Higher Efficiency



Half Cell Technology



Lower Power Loss



Quality controlled by artificial intelligence

NEW PRODUCT

Beam N DUAL GLASS Solar Panels

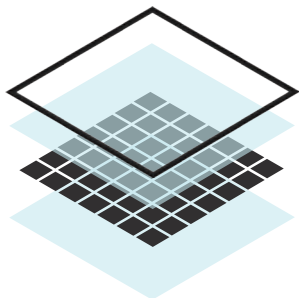
Mono PERC Half Cell Module

410-420W

ENSP54NBT Series

465-480W

ENSP60NDG2 Series



Dual Glass Construction

- Panel Frame
- Front Glass Panel
- Solar Cells
- Rear Glass Panel



Dual glass technology



Improved durability with no extra weight



Improved fire & water resistance

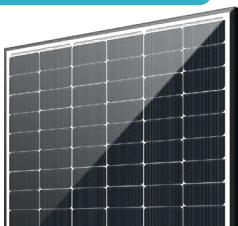


Positive power tolerance of 0~+5W



Energizer Solar Panels are quality checked by Artificial Intelligence to ensure only the best are used for installation.



DUAL-GLASS PROFILE**ALL BLACK PROFILE****BLACK FRAME PROFILE****SILVER FRAME PROFILE****KEY SPECIFICATIONS**

MORE PANELS AVAILABLE ONLINE

ELECTRICAL SPECIFICATIONS

STC Rated Output (W)
 Rated Voltage (V_{ppc}) at STC
 Rated Current (I_{mp}) at STC
 Module Efficiency
 Short Circuit Current (I_{sc}) at NMOT
 Maximum System Voltage (IEC/UL)
 Maximum Series Fuse Rating

BEAM N-DG

465 - 480W
 36.14 - 36.52V
 12.87 - 13.14A
 21.5% - 22.2%
 10.95 - 11.23A
 1500V_{dc}
 25A

BEAM N-DG

410 - 420W
 31.68 - 32.02V
 12.94 - 13.12A
 21.0% - 21.5%
 11.02 - 11.19A
 1500V_{dc}
 39A

BEAM N

455 - 465W
 34.92 - 35.25V
 13.03 - 13.19A
 21.1% - 21.5%
 11.06 - 11.23A
 1500V_{dc}
 25A

BEAM 2

390 - 400W
 30.76 - 31.09V
 12.68 - 12.86A
 20.0 - 20.5%
 10.87 - 11.07A
 1500V_{dc}
 25A

OTHER SPECIFICATIONS

Outer Dimensions (L x W x D)
 Cell Type
 Cell Size
 No. of Cells
 Frame Technology
 Glass Thickness
 Maximum Mechanical Test Load
 Connector Type
 Weight
 Modules per Box / Container
 Fire Class Rating

1903 x 1134 x 30mm
 N Type
 182mm
 120

Black Frame / White Backing
 1.6 + 1.6mm
 5400Pa (front) / 2400Pa (back)
 MC4, PV-KBT4-EV02A/xy (Stäubli)
 22.9kg
 36pcs / 864pcs
 Class C

1722 x 1134 x 30mm
 N Type
 182mm
 108

Black Frame / Translucent Glass
 1.6 + 1.6mm
 5400Pa (front) / 2400Pa (back)
 MC4, PV-KBT4-EV02A/xy (Stäubli)
 20.8kg
 36pcs / 936pcs
 Class C

1903 x 1134 x 30mm
 N Type
 182mm
 120

All Black
 3.2mm
 5400Pa (front) / 2400Pa (back)
 MC4, PV-KBT4-EV02A/xy (Stäubli)
 23.8kg
 36pcs / 901pcs
 Class C

1722 x 1134 x 30mm
 P Type
 182mm
 108

All Black
 3.2mm
 5400Pa (front) / 2400Pa (back)
 MC4, PV-KBT4-EV02A/xy (Stäubli)
 21.6kg
 36pcs / 936pcs
 Class C

SCAN FOR MORE INFORMATION





Energizer® Solar EV Chargers

Empowering drivers to charge safely and efficiently by providing a clean and profitable charging solution, accelerating the world's transition to sustainable energy.

With the Smart Charge App you're able to choose the Bluetooth smart lock, timing charging function, or change it to plug and play mode. At the same time, it can monitor charging information, set EV charger parameters, bind equipment and authorization, and upgrade remote software.



Energizer EV Chargers AC Powered

Boost your car's energy in the comfort of your home with the Energizer® Electric Vehicle chargers.

Easy to install and maintain

Available in cabled and socket options

Continuous uptime without abnormal interruption

Always connected with Wi-Fi, Bluetooth or Ethernet

Dynamic load management

Scheduled charging time for lower rates

Smart charging capable



**RFID Cards
Included**



**High
Performance**



**IP65
Rated**



**Remote
Monitoring**

EV Charger Models

EV Charger A7

Single Phase Residential



Power - 7.3kW

Output Current - Max. 32A

Output Voltage - 230VAC

Connector Type - Type 2

EV Charger A11

Three Phase Residential



Power - 11kW

Output Current - Max. 16A

Output Voltage - 400VAC

Connector Type - Type 2

EV Charger A22

Three Phase Residential



Power - 22kW

Output Current - Max. 32A

Output Voltage - 400VAC

Connector Type - Type 2



KEY SPECIFICATIONS

INPUT	EV Charger 7kW	EV Charger 11kW	EV Charger 22kW
Voltage	230VAC	400VAC	400VAC
Maximum Current	32A	16A	32A
Frequency	50/60Hz	50/60Hz	50/60Hz
OUTPUT			
Voltage	230VAC	400VAC	400VAC
Maximum Current	32A	16A	32A
Rated Power	7.3kW	11kW	22kW
USER INTERFACE			
Connector Type	Type 2 Cable or Type 2 Socket	Type 2 Cable or Type 2 Socket	Type 2 Cable or Type 2 Socket
RFID Reader	Mifare ISO/IEC 14443 A	Mifare ISO/IEC 14443 A	Mifare ISO/IEC 14443 A
Emergency Stop	Yes	Yes	Yes
PHYSICAL CHARACTERISTICS			
Dimensions [W x H x D]	320 x 190 x 130mm	320 x 190 x 130mm	320 x 190 x 130mm
Weight	3.55kg (Cable) or 2.0kg (socket)	3.55kg (Cable) or 2.0kg (socket)	3.55kg (Cable) or 2.0kg (socket)

SCAN FOR MORE INFORMATION



A person is sitting in a black folding chair at a campsite. They are wearing a white t-shirt and shorts, and are looking out over a mountainous landscape. A black bag is on the ground next to them. In the background, a dark-colored car is parked with a silver ladder leaning against it. A portable power station is visible in the foreground on the right side. The sky is blue with some clouds.

Energizer® Solar Portable Power Stations

Our flexible range of portable power stations are built to last. Whether you're on-site or in the field, you can rely on Energizer for safe, durable power.



Energizer
Hard Case

Everest Range

Portable Power Stations

Energizer Hard Case® Professional is an Energizer sub brand, with a focus on tough, dependable and professional quality.

With portable power you can charge and power a variety of electrical devices anytime, anywhere.

Whether you're enjoying a weekend camping, working remotely or want to feel prepared with a backup energy supply, the Everest series has you covered with long-lasting portable power.



Durable & Strong



Advanced Battery Management



Solar Charge Capabilities



Multiple Ports & Outlets

Everest Power Station Models

Everest 100

Pure Sine Wave Inverter



What can it power?*



Mobile Devices
8 Charges



Drones
1.5 Charges



Laptops
1.5 Charges

Everest 300

Pure Sine Wave Inverter



What can it power?*



Mobile Devices
24 Charges



Laptops
4 Charges



Mini Cooler
4 Hours

Everest 500

Pure Sine Wave Inverter



What can it power?*



Mobile Devices
43 Charges



Laptops
8 Charges



Mini Cooler
7.5 Hours

Everest 1100

Pure Sine Wave Inverter



What can it power?*



Coffee Machine
100 Minutes



Laptops
15 Charges



Mini Cooler
15 Hours

Everest 1800

Pure Sine Wave Inverter



What can it power?*



Coffee Machine
2.5 Hours



Power Tools
1.8 Hours



Refrigerator
3 Hours

KEY SPECIFICATIONS

EVEREST 100

Capacity	97.2Wh (27000mAh, 3.6V)
Dimensions	90 x 90 x 211mm
Weight	1.2kg

EVEREST 300

Capacity	296Wh (20000mAh, 14.8V)
Dimensions	215 x 160 x 192mm
Weight	3.4kg

EVEREST 500

Capacity	515Wh (34800mAh, 14.8V)
Dimensions	260 x 172 x 171mm
Weight	5.6kg

EVEREST 1100

Capacity	1166Wh (54000mAh, 21.6V)
Dimensions	340 x 235 x 206mm
Weight	12.3kg

EVEREST 1800

Capacity	1856Wh (72500mAh, 25.6V)
Dimensions	340 x 231 x 276mm
Weight	18.5kg

*Values are based on average device wattage.

SCAN FOR MORE INFORMATION





Energizer® Solar Portable Panels

Our range of portable solar panels are the essential part in harvesting the sun's clean energy. You can rely on Energizer for safe, durable power wherever you are.



Energizer
Hard Case

Sunpack Range

Portable Solar Panels

Built with the latest PD fast charging technology and market leading 23% efficiency rating, the Energizer Hard Case® Sunpack foldable solar panels provide clean and renewable electricity supply.

With 3-way charging options, our panels can power and charge your favourite devices directly, using either the USB-A, USB-C or DC ports. Perfect for charging phones, laptops, music speakers as well as the Everest power stations.

Connect a Sunpack panel to one of our Everest power stations, and you can create the perfect solar generator setup – providing clean renewable energy straight from the sun.



Durable & Strong



Advanced Battery Management



Generates Solar Power



Patented LCD Screen

Sunpack Models

Sunpack 80W

Portable Solar Panel



Peak Power - 80W
Power Current - 4.5A
Dimensions - 1185 x 525 x 7mm
Weight - 3kg

Sunpack 120W

Portable Solar Panel



Peak Power - 120W
Power Current - 6.6A
Dimensions - 1612 x 530 x 7mm
Weight - 5.2kg

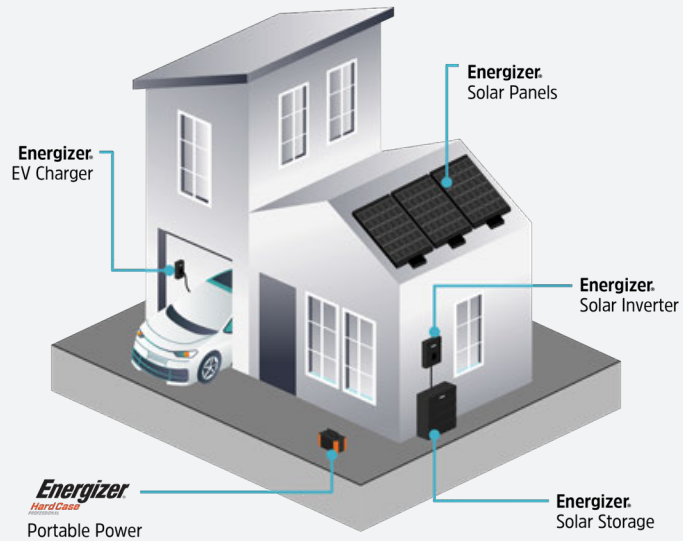
Sunpack 180W

Portable Solar Panel



Peak Power - 180W
Power Current - 6.6A
Dimensions - 2165 x 542 x 7mm
Weight - 7.09kg





Discover more of the **Energizer® Solar** range.

For more information on Energizer® Solar or to view full product specifications, head to our website or contact us.

www.energizersolar.com



hello@energizersolar.com



Energizer[®]
SOLAR



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