

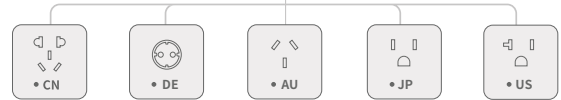
YOUR  
SMART  
ENERGY



# PORTABLE POWER STATION

## BlackBee 1000

1000 W/1036 Wh/10.2 kg



\*There are 5 AC plug standards available. (NOT mixable in one device)



**Support Wireless Charging**

**Attractive & Practical Design**

**SOS / Emergency Light**

**94V0 Flame-Retardant Casing**

**Easy to Carry with a Foldable Handle**

**Built-in MPPT Controller**

**1036Wh Li-ion Battery**

**Charge up to 12 Devices Simultaneously**

# BlackBee 1000



Model	BlackBee 1000
<b>Basic Parameters</b>	
Nominal Energy	1036 Wh
Battery Type	Li-ion
Operating Temperature for Charging	0 ~ 40 °C
Operating Temperature for Discharging	-10 ~ 40 °C
Dimensions (L x W x H)	340 x 255 x 270 mm
Warranty	2 Years
Weight	22.5lbs ( 10.2kg )
<b>Electrical Parameters</b>	
DC Input	12 - 24 V ( 180W MAX )
USB - C Input	PD100 W ( 5 V / 3 A; 9 V / 3 A; 12 V / 3 A; 15 V / 3 A; 20 V / 5 A )
Rated Output Power	1000 W
Peak Output Power	2000 W
AC Output	110 V / 60 Hz
Car Port Output	1 * 12 V / 10 A
USB - C Output	Output 1: PD100 W ( 5 V / 3 A; 9 V / 3 A; 12 V / 3 A; 15 V / 3 A; 20 V / 5 A )
	Output 2: 5 V / 3 A
USB - A Output	Output 1: 5 V / 2.4 A
	Output 2: 5 V / 2.4 A
Wireless Charging	2 * Wireless Charging ( 10W each )
LED Light	3W, 6500K, >300LM

#### Alpha ESS Co., Ltd.

☎ +86 513 8060 6891  
 ✉ info@alpha-ess.com  
 🌐 www.alphaess.com  
 📍 No. 1086, Bihua Road, Tongzhou District, Nantong, Jiangsu

#### Alpha ESS Europe GmbH

☎ +49 610 3459 1601  
 ✉ europe@alpha-ess.de  
 🌐 www.alphaess.de  
 📍 Paul-Ehrlich-Straße 1a, Langen, Hessen D-63225 Germany

#### Alpha ESS Australia Pty. Ltd.

☎ +61 02 9000 7676  
 ✉ techsupport@alphaess.au  
 🌐 www.alphaess.com  
 📍 8/15-21 Gibbes Street, Chatswood, NSW 2067 Australia

#### Alpha ESS International Pte. Ltd.

☎ +65 6513 1125 / +65 6513 1126  
 ✉ Singapore@alpha-ess.com  
 📍 2 Corporation Road #01-06A Corporation Place 618494 Singapore

#### Alpha ESS Italy S.r.l.

☎ +39 339 462 4288  
 ✉ info@alpha-ess.it  
 🌐 www.alphaess.com  
 📍 Via Don Minzoni, 17, Calenzano Firenze 50041 Italy

#### Alpha ESS UK Ltd.

☎ +44 145 354 5222  
 ✉ info@alpha-ess.com  
 📍 Drake house, Long street, Dursley, GL11 4HH UK

#### Alpha ESS USA, Inc.

☎ +1 408 368 7828  
 ✉ usa@alpha-ess.com  
 📍 Unit 5 2180 S Ivanhoe St, Denver, CO 80222 USA

#### Alpha ESS Korea Co., Ltd.

✉ info@alpha-ess.com  
 📍 2F, 19-4, Nohyeong 11-gil, Jeju-si, Jeju-do, Republic of Korea

#### Alpha ESS South Africa (Pty.) Ltd.

✉ measervice@alpha-ess.com  
 📍 La Rocca Office Park, Block B1 321 Main Road, Bryanston, Johannesburg, 2191



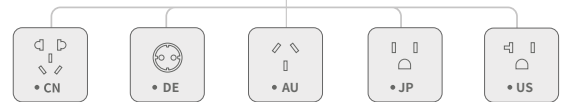
YOUR  
SMART  
ENERGY



# PORTABLE POWER STATION

## BlackBee 2000

2200 W / 2203.2 Wh / 21 kg



\*There are 5 AC plug standards available. (NOT mixable in one device)



**Bidirectional Inverter**

**Uninterrupted Power Supply**

**94V0 Flame-Retardant Casing**

**2 Wireless Charging Pads**

**Dual Dynamic MPPT**

**2200W Output Power**

**Charge up to 15 Devices Simultaneously**



# BlackBee 2000



Model	BlackBee 2000
<b>Basic Parameters</b>	
Nominal Energy	2,203.2 Wh
Inverter Efficiency	95 %
Operating Temperature for Charging	14 - 113 °F ( - 10 - 45 °C)
Operating Temperature for Discharging	14 - 113 °F ( - 10 - 45 °C)
Dimension (L x W x H)	438 x 340 x 283 mm
Warranty	2 Years
Weight	46 lbs ( 21 kg )
<b>Electrical Parameters</b>	
DC (Solar) Input (Anderson) * 2	11 V - 45 V, 400 W MAX each
AC Input * 1	200 - 240 V, Charging 1800 W MAX
Rate Output Power	AC: 2200 W DC: 380 W
Peak Output Power	3300 W ( 15 seconds )
USB Port * 6	USB - C * 2, PD100 W each ( 5 V / 3 A; 9 V / 3 A; 12 V / 3 A; 15 V / 3 A; 20 V / 5 A )
	USB - A * 4, QC24 W each ( 5 V / 3 A; 9 V / 2.6 A; 12 V / 2 A )
DC Port (5525) * 2	12 V / 5 A
Car Port * 1	12 V / 10 A
AC Port * 4	200 - 240 VAC, 60 Hz, Pure Sine Wave
	2200 W Continuous, 3300 W Peak
Wireless Charging * 2	10 W * 2

#### Alpha ESS Co., Ltd.

☎ +86 513 8060 6891  
 ✉ info@alpha-ess.com  
 🌐 www.alphaess.com  
 📍 No. 1086, Bihua Road, Tongzhou District, Nantong, Jiangsu

#### Alpha ESS Europe GmbH

☎ +49 610 3459 1601  
 ✉ europe@alpha-ess.de  
 🌐 www.alphaess.de  
 📍 Paul-Ehrlich-Straße 1a, Langen, Hessen D-63225 Germany

#### Alpha ESS Australia Pty. Ltd.

☎ +61 02 9000 7676  
 ✉ techsupport@alphaess.au  
 🌐 www.alphaess.com  
 📍 8/15-21 Gibbes Street, Chatswood, NSW 2067 Australia

#### Alpha ESS International Pte. Ltd.

☎ +65 6513 1125 / +65 6513 1126  
 ✉ Singapore@alpha-ess.com  
 📍 2 Corporation Road #01-06A Corporation Place 618494 Singapore

#### Alpha ESS Italy S.r.l.

☎ +39 339 462 4288  
 ✉ info@alpha-ess.it  
 🌐 www.alphaess.com  
 📍 Via Don Minzoni, 17, Calenzano Firenze 50041 Italy

#### Alpha ESS UK Ltd.

☎ +44 145 354 5222  
 ✉ info@alpha-ess.com  
 📍 Drake house, Long street, Dursley, GL11 4HH UK

#### Alpha ESS USA, Inc.

☎ +1 408 368 7828  
 ✉ usa@alpha-ess.com  
 📍 Unit 5 2180 S Ivanhoe St, Denver, CO 80222 USA

#### Alpha ESS Korea Co., Ltd.

☎ info@alpha-ess.com  
 📍 2F, 19-4, Nohyeong 11-gil, Jeju-si, Jeju-do, Republic of Korea

#### Alpha ESS South Africa (Pty.) Ltd.

☎ measervice@alpha-ess.com  
 📍 La Rocca Office Park, Block B1 321 Main Road, Bryanston, Johannesburg, 2191



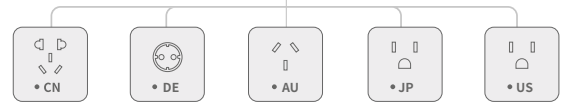
YOUR  
SMART  
ENERGY



# PORTABLE POWER STATION

**BlackBee 2000**

2200 W / 2203.2 Wh / 23 kg



\*There are 5 AC plug standards available. (NOT mixable in one device)



**Bidirectional Inverter**

**Uninterrupted Power Supply**

**94V0 Flame-Retardant Casing**

**2 Wireless Charging Pads**

**Dual Dynamic MPPT**

**2200W Output Power**

**Charge up to 15 Devices Simultaneously**

# BlackBee 2000



Model	BlackBee 2000
<b>Basic Parameters</b>	
Nominal Energy	2,203.2 Wh
Inverter Efficiency	95%
Battery Type	Lithium Ion
Operating Temperature for Charging	14-113°F(-10-45°C)
Operating Temperature for Discharging	14-113°F(-10-45°C)
Dimension (L x W x H)	438 x 340 x 283 mm
Warranty	2 Years
Weight	50.7lbs (23 kg)
<b>Electrical Parameters</b>	
DC (Solar) Input (Anderson) x 2	11V-45 V, 10 A / 300 W MAX each
AC Input x 1	100-120 V, 200-240 V
Rate Output Power	AC:1600 W DC:440 W
Peak Output Power	3000 W
USB Port x 6	USB-C x 2, PD60 W each(5 V=3 A; 9 V=3 A; 12 V=3 A; 15 V=3 A; 20 V=3 A)
	USB-A x 4, QC3.0 36 W each(5 V=3 A; 9 V=3 A; 12 V=3 A; 15 V=2.4 A; 20 V=1.8 A)
DC Port (5525) x 2	12V=5 A; 12V=3A
Car Port x 1	12V=10A
AC Port x 4	100-240 VAC, 50 / 60 Hz, Pure Sine Wave
	1600 W Continuous, 3000 W Peak
Wireless Charging x 2	10 W x 2

\*You can have 2 X 300 W panels as long as the voltage current will not exceed 10 A and total input will not exceed 600 W.

#### Alpha ESS Co., Ltd.

+86 513 8060 6891  
 info@alpha-ess.com  
 www.alphaess.com  
 Jiuhua Road 888, Nantong High-Tech Industrial Development Zone, Nantong, Jiangsu Province, China

#### Alpha ESS Suzhou Co., Ltd.

+86 512 6828 7609  
 info@alpha-ess.com  
 www.alphaess.com  
 Building 10-A, Canal Town Industrial Park, 99 Taihu E Rd, Wuzhong District, Suzhou, Jiangsu Province, China

#### Alpha ESS Europe GmbH

+49 610 3459 1601  
 europe@alpha-ess.de  
 www.alphaess.de  
 Paul-Ehrlich-Straße 1a, Langen, Hessen D-63225 Germany

#### Alpha ESS Australia Pty. Ltd.

+61 02 9000 7676  
 Australia@alpha-ess.com  
 www.alphaess.com  
 8/15-21 Gibbes Street, Chatswood, NSW 2067 Australia

#### Alpha ESS Italy S.r.l.

+39 339 462 4288  
 info@alpha-ess.it  
 www.alphaess.com  
 Via Don Minzoni, 17, Calenzano Firenze 50041 Italy

#### Alpha ESS UK Ltd.

+44 145 354 5222  
 info@alpha-ess.com  
 Drake house, Long street, Dursley, gl11 4hh UK

#### Alpha ESS International Pte. Ltd.

+65 6513 1125 / +65 6513 1126  
 Singapore@alpha-ess.com  
 2 Corporation Road #01-06A Corporation Place 618494 Singapore

#### Alpha ESS USA, Inc.

+1 408 368 7828  
 usa@alpha-ess.com  
 Unit 5 2180 S Ivanhoe St, Denver, CO 80222 USA

#### Alpha ESS Korea Co., Ltd.

info@alpha-ess.com  
 2F, 19-4, Nohyeong 11-gil, Jeju-si, Jeju-do, Republic of Korea

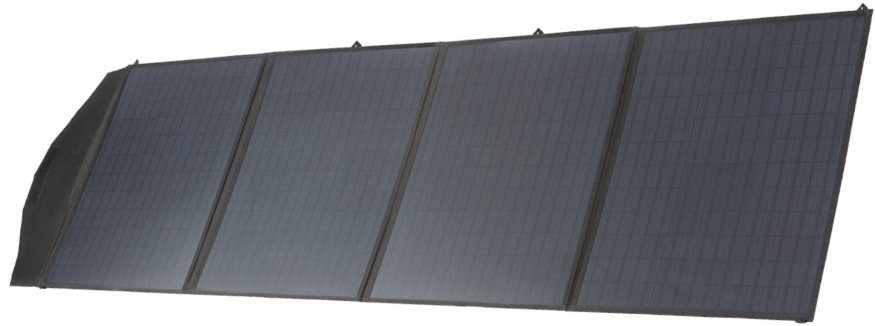


YOUR  
SMART  
ENERGY



# SP200

## SOLAR PANEL



**Portable and Foldable**  
**Higher Efficiency**

MODEL	SP200
Maximum Power	200 W
Max Power Voltage	19.8 V
Max Power Current	10 A
Open Circuit Voltage	23.7 V
Short Circuit Current	10.6 A
Connector Type	Anderson
Cell Type	Monocrystalline
Operation Temperature	14 ~ 149°F (-10 ~ 65°C)
Folded Dimensions	518 x 689 mm
Unfolded Dimensions	2300 x 689 mm



Alpha ESS Co., Ltd.  
☎ +86 513 8060 6891  
✉ info@alpha-ess.com  
🌐 www.alphaess.com  
📍 Jiuhua Road 888, Nantong High-Tech Industrial Development Zone, Nantong, Jiangsu Province, China

Alpha ESS Europe GmbH  
☎ +49 610 3459 1601  
✉ europe@alpha-ess.de  
🌐 www.alphaess.de  
📍 Paul-Ehrlich-Straße 1a, Langen, Hessen D-63225 Germany

Alpha ESS Australia Pty. Ltd.  
☎ +61 02 9000 7676  
✉ Australia@alpha-ess.com  
🌐 www.alphaess.com  
📍 8/15-21 Gibbes Street, Chatswood, NSW 2067 Australia

Alpha ESS International Pte. Ltd.  
☎ +65 6513 1125 / +65 6513 1126  
✉ Singapore@alpha-ess.com  
📍 2 Corporation Road #01-06A Corporation Place 618494 Singapore

Alpha ESS Italy S.r.l.  
☎ +39 339 462 4288  
✉ info@alpha-ess.it  
🌐 www.alphaess.com  
📍 Via Don Minzoni, 17, Calenzano Firenze 50041 Italy

Alpha ESS UK Ltd.  
☎ +44 145 354 5222  
✉ info@alpha-ess.com  
📍 Drake house, Long street, Dursley, gl11 4hh UK

Alpha ESS USA, Inc.  
☎ +1 408 368 7828  
✉ usa@alpha-ess.com  
📍 Unit 5 2180 S Ivanhoe St, Denver, CO 80222 USA

Alpha ESS Korea Co., Ltd.  
✉ info@alpha-ess.com  
📍 2F, 19-4, Nohyeong 11-gil, Jeju-si, Jeju-do, Republic of Korea



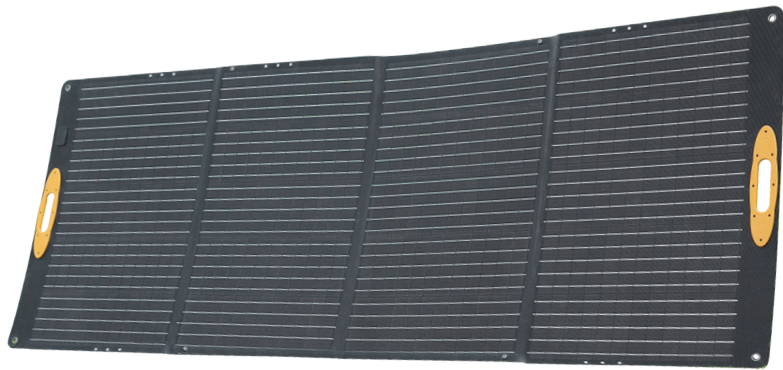


YOUR  
SMART  
ENERGY



# SP300

## SOLAR PANEL



**Portable and Foldable**  
**Higher Efficiency**

MODEL	SP300
Maximum Power	300 W
Max Power Voltage	33 V
Max Power Current	9.69 A
Open Circuit Voltage	38.94 V
Short Circuit Current	10.67 A
Folded Dimensions	895 x 610 x 45 mm
Unfolded Dimensions	2375 x 895 mm
Included Accessory	Anderson Cable (2m) x 1



**Alpha ESS Co., Ltd.**

☎ +86 513 8060 6891  
✉ info@alpha-ess.com  
🌐 www.alphaess.com  
📍 Jiuhua Road 888, Nantong High-Tech Industrial Development Zone, Nantong, Jiangsu Province, China

**Alpha ESS Europe GmbH**

☎ +49 610 3459 1601  
✉ europe@alpha-ess.de  
🌐 www.alphaess.de  
📍 Paul-Ehrlich-Straße 1a, Langen, Hessen D-63225 Germany

**Alpha ESS Australia Pty. Ltd.**

☎ +61 02 9000 7676  
✉ Australia@alpha-ess.com  
🌐 www.alphaess.com  
📍 8/15-21 Gibbes Street, Chatswood, NSW 2067 Australia

**Alpha ESS International Pte. Ltd.**

☎ +65 6513 1125 / +65 6513 1126  
✉ Singapore@alpha-ess.com  
📍 2 Corporation Road #01-06A Corporation Place 618494 Singapore

**Alpha ESS Italy S.r.l.**

☎ +39 339 462 4288  
✉ info@alpha-ess.it  
🌐 www.alphaess.com  
📍 Via Don Minzoni, 17, Calenzano Firenze 50041 Italy

**Alpha ESS UK Ltd.**

☎ +44 145 354 5222  
✉ info@alpha-ess.com  
📍 Drake house, Long street, Dursley, gl11 4hh UK

**Alpha ESS USA, Inc.**

☎ +1 408 368 7828  
✉ usa@alpha-ess.com  
📍 Unit 5 2180 S Ivanhoe St, Denver, CO 80222 USA

**Alpha ESS Korea Co., Ltd.**

✉ info@alpha-ess.com  
📍 2F, 19-4, Nohyeong 11-gil, Jeju-si, Jeju-do, Republic of Korea





# BlackBee-1000

For AU Only



Model		BlackBee-1000
<b>Basic Parameters</b>		
Nominal Energy	1000 Wh	
Battery Type	Li-ion	
Operating Temperature for Charging	0 ~ 40 °C	
Operating Temperature for Discharging	-10 ~ 40 °C	
Dimension (L x W x H)	340 x 255 x 270 mm	
Warranty	2 Years	
Weight	10.2kg	
<b>Electrical Parameters</b>		
DC Input	12V-24V ( 180W MAX )	
USB C Input	PD100 W ( 5 V / 3 A; 9 V / 3 A; 12 V / 3 A; 15 V / 3 A; 20 V / 5 A )	
Rate Output Power	1000 W	
Peak Output Power	2000 W	
AC Output	230 V / 50Hz	
Car Port Output	1 * 12 V / 10 A	
USBC Output	Output 1: PD100 W ( 5 V / 3 A; 9 V / 3 A; 12 V / 3 A; 15 V / 3 A; 20 V / 5 A )	
	Output 2: 5 V / 3 A	
USBA Output	Output 1: 5 V / 2.4 A	
	Output 2: 5 V / 2.4 A	
Wireless Charging	2 * Wireless Charging ( Single 10 W; Total 15 W )	
LED Light	3W, 6500K, >300LM	

\* You can have 2 X 100W panels as long as the voltage current will not exceed 10A and total input will not exceed 200W

Headquarter: Alpha ESS Co., Ltd.

☎ +86 513 8060 6891  
✉ info@alpha-ess.com  
🌐 www.alpha-ess.com

🏢 Jiuhua Road 888, Nantong High-Tech Industrial Development Zone, Nantong City, 226300

Alpha ESS Suzhou Co., Ltd.

☎ +86 512 6828 7609  
✉ info@alpha-ess.com  
🌐 www.alpha-ess.com

🏢 Building 10-A, Canal Town Industrial Park, 99 Taihu E Rd, Wuzhong District, Suzhou 215000

Australia: Alpha ESS Australia Pty. Ltd.

☎ +61 402 500 520 (Sales)  
✉ +61 1300 968 933 (Technical Support)  
✉ australia@alpha-ess.com

🌐 www.alpha-ess.com.au  
🏢 Unit 1, 2 Ralph Street Alexandria NSW 2015

Germany: Alpha ESS Europe GmbH

☎ +49 6103 4591 601  
✉ europe@alpha-ess.de  
🌐 www.alpha-ess.de

🏢 Paul-Ehrlich-Straße 1a, D-63225 Langen, Hessen

Italy: Alpha ESS Italy S.r.l.

☎ +39 599 239 50  
✉ info@alpha-ess.it  
🌐 www.alpha-ess.it

🏢 Via Loda,17-41013 Castelfranco Emilia (MO)

Korea: Alpha ESS Korea Co., Ltd.

☎ +82 64 721 2004  
✉ korea@alpha-ess.com

🏢 2F, 19-4, Nohyeong 11-gil, Jeju-si, Jeju-do, Republic of Korea

USA: Alpha ESS USA, Inc.

✉ USA@alpha-ess.com  
🏢 638 S Ahwanee Ter Sunnyvale, California, 94085 United States of America

UK: Alpha ESS UK Ltd.

✉ uk@alpha-ess.com  
🏢 Drake House, Long Street, Dursley, gl11 4hh

Singapore: Alpha ESS International Pte. Ltd.

✉ Singapore@alpha-ess.com  
🏢 2 Corporation Road #01-06A Corporation Place Singapore 618494