



Pioneer DreamBook Solar UPS Battery Bag

Structure:

- The Solar panel is detached to notebook carry bag by a zipper.
- The Solar panel (4 pcs) links to the UPS battery - including full set of adapters.
- Can be folded up when not in use and stored into the computer bag for protection.



Foldable Solar Panel

Features:

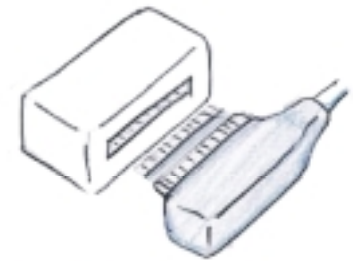
- **3ways charging system**—Power can be stored by A/C adapter; by car adapter (12V) and by solar power. It backs up your gear when travelling at anytime, anywhere when in need of any urgent power.



- **Detachable system** --- The solar panels are able to be detached. When powers are needed, the panels can be taken off from the bag to be charged, while the user can keep all their gear by their side, still within the bag. When the charging is completed, the solar panels can be reattached to the bag as a stylish computer bag.



- **In - Switch multi-voltage system** - The UPS battery uses a sim card system that allows the user to select high and precise various voltage outputs, ranging from 4.5 V to 21 V, with coverage to light and high loading items including: mobile, iPod, PSP, camera, portable radio, CD and DVD players, mp4, UMPC, laptop, lighting systems and more.
- Power can be inputted within the voltages of 12 V to 24 V using the card adapter and the user's *original* adapter. E.g. Laptop adapter.



• **n-SWITCH SYSTEM**
Patented

(1) Specification:

UPS Battery size: 200 x 115 x 17 mm

Solar panel size: 90 x 160 mm (4pcs)

Solar charging current: 255mA

Solar output: 30V

AC / Car plug input: 12V – 24V

Battery type: Li-ion battery

Battery: 40 Watt

Voltage: 4.5V - 20V (adjusted by the in-switch card)

Output current: Max. 2A

Operation temp.: 0 -45

Battery life: over 500 times



Solar panel



(2) Accessories:

- 2.1 AC adapter 12V
 - 2.2 Car adapter 12V (optional)
 - 2.3 In-Switch card - 8 cards -refer to the In-Switch card table
 - 2.4 Laptop cable connector
 - 2.5 Laptop adapter (M-type / F-type) – 9pcs
 - 2.5a,2.5b,2.5c and more -refer to adapter table
 - 2.6 Mobile cable connector
 - 2.6a Low voltage adapter
 - 2.7 Mobile cable - 4 cables (Nokia, Motorola, Sony Ericsson and Samsung)
 - 2.8 USB converse cable (iPod, iPhone and other products)
 - 2.9 Multi-function cable (PSP, Bluetooth, DVD, Camera and other products)
 - 2.10 NDS cable
-



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6a



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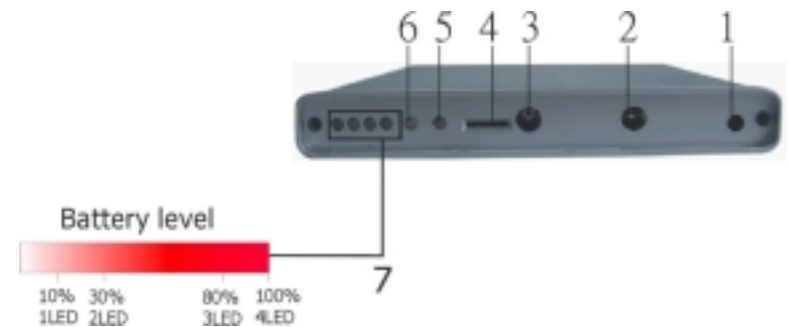
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(3) UPS Battery-Digram keys:

1. Solar input socket
2. AC/ car power input socket
3. DC output socket
4. In-Switch card socket
5. Solar input LED
6. AC/ car input LED
7. Battery level indicator- shown when in output mode.



(4) How to charge:

4.1 Solar:

- Take off the solar panel from the main case.
- Connect the plug of the solar panel with the UPS battery. Position the unit for the best sunlight.
- The unit will automatically charge when the solar panel senses sunlight. The input LED will be flashing in red.
- When the unit is fully charged, the input LED will turn off automatically.
- It takes around 9 hours to fully charge the unit; however, this depends on the sunlight condition. It's possible to power a laptop for a short time if the panels are only exposed to sunlight for 1.5 hours.



4.2 AC/Car Adapter

- Plug the AC / Car adapter (Optional accessories 2.1 / 2.2) into the DC input socket of the UPS battery and connect the other side to the wall / car power socket.
- When charging, the AC/DC input LED will be flashing yellow.
- When the unit is fully charged, the AC/DC input LED will automatically turn off.
- It takes around 2 hours to fully charge the unit.

**Option : if power input by user A/C adapter
+F type e.g.19v take one hour**







(5) Charging your gadgets with UPS Battery

UPS BATTERY is compatible for various gadgets such as mobile phone, DC, DV, laptops and so on. Before charging your gadgets by UPS BATTERY, please make sure that you **recognize the voltage that your gadgets belong to** and then **choose the right in-switch card for your gadgets**. (See the following data):

In-Switch card –voltage	Gadget Voltage
4.5V	power to 3.7 battery or Equals to 4.5v
5.5V-6V	5.5v-6v (e.g. mobile phone, PSP , ipod, NDS, mp3 , mp4 ...)
9V	power to 7.4v DV/DC battery or Equals as 9v size battery
12V	Equals to 12v size battery and UMPC,12V DV battery,12v lighting...
14V	Equals to 14v battery and laptops under 15v
16V	16V
18V	18V
20V	20V (e.g. laptops)

5.1 Charging your Laptops:


- Choose Laptop cable connector (accessory 2.4 ) and plug it into the power socket of the UPS battery.
- Select the appropriate adapter (accessory 2.5 ) for your laptop. Plug it into to your laptop and connect to the Laptop cable connector (accessory 2.4 )
- Select the appropriate In-Switch card (accessory 2.3 ) that's suitable for the laptop and plug it in to the card socket.
- When the In Switch card has been inserted into the UPS battery, the 4 LED lights are shown to indicate the battery level. When only 2 LED lights are on, then it indicates that the power is insufficient. The LED light will automatically turn off when the power runs out.

****Remarks:** Please charge the laptop for a minimum of 15 minutes before using the laptop.

5.2 Charging your gadgets (except Laptops)

- Choose mobile cable connector (accessory 2.6V) and plug it into the power output socket of the UPS battery.
- Select the appropriate adapter (accessories 2.7-2.10) for your gadget and plug it into to your gadget and connect to the mobile cable connector (accessory 2.6V).

**Remarks: To charge low voltage gadgets such as mobile phone, mp3 and certain brands of DC's, the low voltage adapter (accessory 2.6a) should be used and connected to the mobile cable connector (accessory 2.6V) and the adapter (accessories 2.7 - 2.10)for your gadget.

- Select the appropriate In-Switch card (accessory 2.3 ) that is suitable for your gadget and plug it in to the card socket.
- When the In Switch card is inserted into the socket, the 4 LED lights indicate the battery level. When the charging is completed, the LED lights will turn off automatically.



After completion of the steps (5.1) & (5.2):

- The unit will start charging and the output LED will be flashing in green and the battery level indicator shows the battery level.
- When your gadget is fully charged, the unit stops charging automatically.
- Remove the In-Switch card to avoid losing power of the UPS battery.
- When the battery level indicator shows one or less LED light, it indicated there is insufficient power. Thus, it should be recharged.

(6) Charging /Discharging Tables

Charging Tables:

Input	Solar	around 9 hours (depending on lighting conditions)
	AC -12V	around 2 hours
	Car -12V	around 2 hours

Optional input: User's original adapter and F-Type adapter (e.g. 19v)-around 1 hour.

Discharging Tables:

Output	Laptop (Hour)	DV Battery (Hour)	Mobile phone (Hour)	iPod/iPhone (Hour)	PSP/NDS (Hour)
	Around 2 hours**	Full charged 1 hour*	Full charged 1 hour*	Full charged 1.5 hours*	Full charged 1.5 hours*

* Charging times may vary.



2.7-Nokia-001



2.7-Sony Eric-002



2.7-Samsung-004



2.7-Moto-001



2.8-Usb for ipod



2.9-Cross adaptor



2.10-NDS

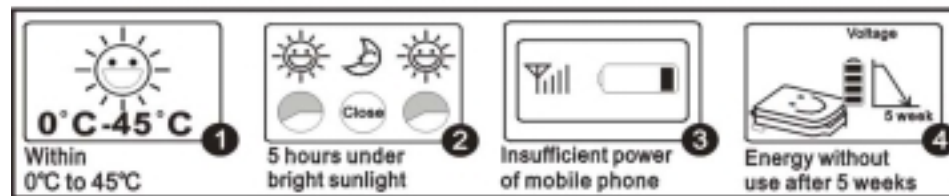
BRAND NAME		Model number	Part NO .
HP	EVQ	N105,N115,N160,N180	2.5E
		N40,N110,N150,N160.N180,N200.N200C,N400C, N410C,N600C,N610C,N800C,N800V Series,N800W, N1000C,N1000V,N1015V,N1020V,N1050V	2.5C
	Presario	700 series,1000 series,1200 series,1245 series, 12xl series,14xl series,1600 series,1700 series, 17xl series,1700t,1700xl573, 1710SB,1800 series, 18xl series,1800 XL,2100 series,2500 series, 2700 series,2700t,800,800xl	2.5E
	Prosignia	150,160,170,190	2.5C
	Contura	386/486 series,400c,400cx,410,410cx,420c,420cx, 430c,430cx	2.5E
		3/20,3/25,3/25c,4/20,4/25,4/25c,4/25cx	2.4
Pavilion	ZT1131.ZT1132,ZT1135,ZT1141,ZT1142,ZT1145,ZT1151, ZT1152,ZT1155,ZT1161,ZT1162,ZT1171,ZT1172,ZT1175. ZT1180,ZT1181,ZT1182,ZT1185,ZT1190,ZT1192,5200,series, 5400 series,pavillon ZE,ZT,zu series,XH455,XH485,XH535, XH545,XH555.XH575,XH675,XU155,XZ185,XZ275,ZE1110, ZT1114,ZT1120,ZT1121.ZT1125,ZT1130,N3000 series, n3200 series,n3300 series,n5000 series,n5300 series, n5400 series,n5500 series,dv1000 series,dv4900 seres, ZF3000 series,se4000 series,ze5000 series	2.5E	

BRAND NAME		Model number	Part NO .
DELL	Latitude	433M,43MC,433MCX,450MC,450MCX,475C,475D,475MC,LX, LXX,4100/T	2.5E
		LX450,XP4100,XP4100C,XP4100CX,XP4100T,XP450C, XP475C,XP475D	2.5F
	Inspiron	3000;3200;3500;7000	2.5E
FUJITSU	series	B.C.E.FMV,CX,L,I,S	2.5F
	Lifebook	270DX,280DX,400,420,420DX,435DX,470,520,520D,520T,530, 530T,531T,531TX,535T,535TX,555TX,5651TX,585TX,635,635T, 635TX,655,655TX,656TX,675TX,690TX,735CDT,735TX,755TX, 756DX,765TX,770TX,785TX,790TX,985TX,990TX,990TX2	2.5F
		Lifestyle,Milan,MontegoFUjitsu lifeStyle,pen centra 200, Stylistic 3400,stylistic 2300stylistic 1200,point 1600,point 510, stylus 3400 tabiet	2.5F
IBM	I-series	1410,1411,1441,1450,1451,1472 series	2.4
		1200;1210;1230;1250;1260;1300;1330;1400;1412;1418 1420;1434;1435;1436;1442;1470;1472;1476;1480;1500 1512;1540;1541;1552;1560;1700;1720;1721	2.5E
	Thinkpad	235;240;290;310;340;345;365;380;385;390;535;560; 570;600;701;770;2621-xxx,1161-xxx;1171-xxx;600x series,2645,2611A,T,X&R Series,transnote	2.5E
		730t,350 series,500,510 series	2.4

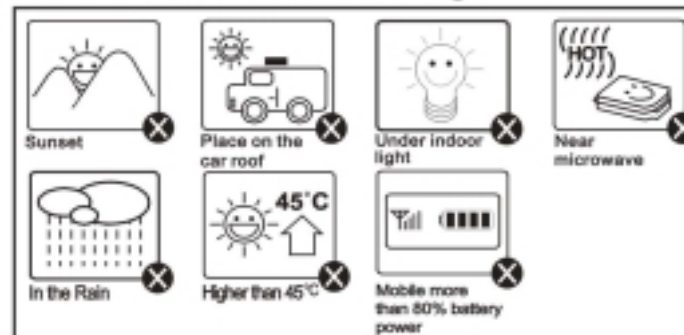
BRAND NAME		Model number	Part NO .
Sony	Vaio	GR,SR,SRX,VX series,pcG-505,pcg-505ex,pcg-505f , picturebook, pcg-c1x,505,pcg-505fx,pcg-505g , pcg-505gx,pcg-505ls, pcg-505tR,pcg-505ts,pcg-505tx , pcg-505x,picturebook pcg-c1x	2.4
		pcg-xg,808,812,818,838,pcg-r600,qr series,pcg-430 thru 490, pcg-431,pcg-450,pcf-461,pcg-480,pcg-481,pcg-490,pcg-491, pcg-700 pcg-705c, pcg-707c,pcg-747,pcg-717c,pcg-719c, pcg-731,pcg-737,pcg-745,pcg-747,pcg-705 thru 748c,xg series, 580,800,pcg-900,vadio pcg-955a,pcg-z505 , pcg-z600,pcg-r600, QR Series,PCG-735	2.5E
Toshiba	Satellite	A85,1000,1005,1600,1605,1625,1700,3000	2.5F
		T1850,T1900,T1910,T1950,T1960,T2400,T3400,T3600 T4500,T4600,T4700,T4700C,T4700CS,T4700CT,T4700, T4800,T4800CT,T4850CT,T4900,T4900CT,T4950CT	2.5F
NEC		Ready 220t,ready 330t,ready 340t,ready 360t	2.5E
		ready 440t,versa 2400 series,versa 2500, versa 2500 cd,versa 2505,versa 2530,versa e600,versa 5000,versa 5060,versa 5080,versa 5080x versa 550d,versanote	2.4

8) Charging conditions

Best situation to charge:



Situation not allow to charge



(9) Troubleshooting

Matter:	Reasons:
9.1 The solar charging LED is not on	(a) The solar panel may not be in an area with bright sunlight. (It cannot be charged in rainy or cloudy days.)
9.2 The output LED is not on when the In-Switch card is inserted.	(a) The In-Switch card may not be inserted properly or is inserted in the wrong direction. (exchange the front and back side) (b) The UPS battery is out of battery
9.3 DC input LED is not on when the AC / Car adapter is inserted.	(a) The unit is fully-charged (b) There may be problems with the AC / car adapter