



User Manual

| Brand | Series Model | Voltage | Tips Number |
|---------|--|---------|-------------|
| Winbook | Winbook XP Series Winbook XP5 Pro Series Winbook FX Series Winbook Si Series Winbook Z Series Winbook X Series Winbook J Series (all models) | 19V | L53/L53D |
| | Winbook XL Winbook XL2 Winbook XL3 Series | 19V | L51/L51D |

▲ Remarks:

- Above list is just a partial list, other for fitting other digital devices can be supplied according to customers' requests and market demands.
- Standard Tips: L01, L01D, L51, L51D, L52D, L53, L53D, L54, L54D, L55, L55D, L57, L57D, L61, L61D
- Optional Tips: Other tips in the list or the tip specially developed according to customer's request.

User Manual

Thank you for purchasing our PB-660A . Please read the user manual carefully before your operation and keep it in proper place for your future reference.

Safety Precautions

In order to prevent the leakage, heat or explosion with battery, please pay attention to:

Danger!

Battery leakage, explosion or fire may be caused if you do not read the following precautions carefully.

- ※Do not throw battery into water or make it wet,
- ※Do not use or store battery near heat source (like fire or heater),
- ※Do not throw the battery into fire or heat the battery,
- ※Forbid the short circuit with the positive and negative polarities of battery via lead or other metal objects, forbid to transport or store the battery with necklace, hair clipper or other metal objects,
- ※Forbid striking, casting or shaking the battery,
- ※Forbid piercing the battery shell via nail or other sharp objects, forbid to hammer or trample the battery,
- ※Forbid disassembling the battery in any way.

Warning!

Battery leakage, explosion or fire might be caused if you do not read the following precautions carefully.

- ※Do not throw battery into microwave oven or pressured vessel;

- ※Stop using when unusual smell, heating, distortion, color-change or other abnormalities with the battery
- ※Move away from the fire when leakage or unusual smell with battery;
- ※Leaked electrolyte may cause fire or explosion
- ※Do not wipe your eyes if the leaked electrolyte enters into, wash with water and ask doctor for help immediately, the eyes may be damaged if not treat timely.

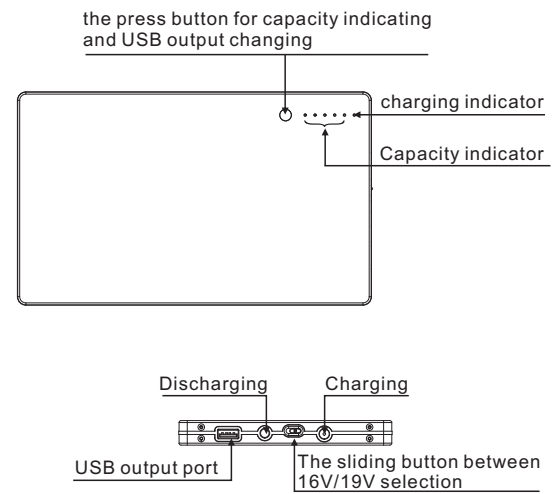
Attention!

- ※Do not use the battery in extremely hot environment, like inside the car with direct sunlight or in summer. Otherwise, the battery will be overheated and lighted that will influence the battery performance and shorten its service life.
- ※If you want to store the battery for long time (over three months), you have to keep 50% of the rated capacity (charge once every 3 months), store it in a dry place with the temperature of -10℃ ~ 40℃, and avoid the contact with corrosive objects and keep away from the fire and heat sources.
- ※Teach the children how to use the battery according to the user manual, and pay attention to guarantee their correct operations.
- ※If the battery leaks the electrolyte into skin or cloths, wash the-affected area with flowing water, otherwise it will cause the skin inflammation.

| Brand | Series Model | Voltage | Tips Number |
|-----------|--|---------|-------------|
| TRIGEM | Dreamboo A Dreamboo F Dreamboo T Dreamboo U Dreamboo X | 19V | L01/L01D |
| | Figaro 300TG Figaro 500TZ. 500TG Figaro P88T Figaro 600 | 19V | L53/L53D |
| Twinhead | SlimNote 910CV SlimNote 9133TV SlimNote 9133TZ SlimNote 9159TZ SlimNote 9166TZ SlimNote VX SlimNote VXE SlimNote VXE3 SlimNote Gx2 SlimNote 602TZ | 19V | L53/L53D |
| | Marco Polo S Body Power Slim 601TZ Power Slim 600 | 19V | L52D |
| VIEWSONIC | Viewsonic Viewpad 1000 | 16V | L53/L53D |
| | Viewsonic Viewpad 100 | 19V | L53/L53D |

| Brand | Series Model | Voltage | Tips Number |
|------------|-------------------------|---------|-------------|
| Toshiba | Tecra 500 | 16V | L55/L55D |
| | Tecra 505 | | |
| | Tecra 510 including CDT | | |
| | Tecra M1 | | |
| | Tecra M2 | | |
| | Tecra S1 | | |
| | Tecra 520 | | |
| | Tecra 530 | | |
| | Tecra 550 | | |
| | Tecra 700 | | |
| | Tecra 710 | | |
| | Tecra 720 | | |
| | Tecra 730 | | |
| | Tecra 730X | | |
| | Tecra 740 | | |
| | Tecra 750 | | |
| | Tecra 780 | | |
| | Tecra 8000 | | |
| | Tecra 8100 | | |
| Tecra 8200 | | | |
| Tecra 9000 | | | |
| Tecra 9100 | | | |
| | 4090XDVD 2545CDS | 16V | L52D |

Function illustrator



Operations

1) How to use

Step 1:

Read the user manual carefully to make sure the proper operation with the battery pack.

Step 2:

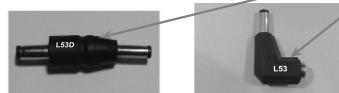
Refer to the guidance of your notebook computer or check the label on notebook computer to confirm the brand and model. Take IBM T40 as an example.



Step 3:

Check the compatible list (packed with battery), select the correct input and output tip and the voltage level according to the notebook brand and model.

| Brand | Series | Model | Voltage | Tip No. |
|-------|----------|---|---------|----------|
| IBM | ThinkPad | Thinkpad A Thinkpad X & R series Transnote | 16V | L53/L53D |



| Brand | Series Model | Voltage | Tips Number |
|---------|---|---------|-------------|
| Toshiba | Satellite 4280 Satellite 4300 Satellite 4600 Satellite 1800-S203 Satellite 1800-S253 Satellite 2250XCDS Satellite 2250CDT Satellite M30 | 16V | L55/L55D |
| | Satellite Pro 400 Satellite Pro 405 Satellite Pro 410 Satellite Pro 415 Satellite Pro 420 Satellite Pro 425 Satellite Pro 430 Satellite Pro 435 Satellite Pro 440 Satellite Pro 445 Satellite Pro 460 Satellite Pro 465 Satellite Pro 470 Satellite Pro 480 Satellite Pro 490 Satellite Pro 490X Satellite Pro CDX Satellite Pro CDS | 16V | L55/L55D |

| Brand | Series Model | Voltage | Tips Number |
|----------------|----------------|---------|-------------|
| Toshiba | Satellite 1555 | 16V | L55/L55D |
| | Satellite 1800 | | |
| | Satellite 2000 | | |
| | Satellite 2100 | | |
| | Satellite 2140 | | |
| | Satellite 2180 | | |
| | Satellite 2210 | | |
| | Satellite 2280 | | |
| | Satellite 2500 | | |
| | Satellite 2590 | | |
| | Satellite 2600 | | |
| | Satellite 2615 | | |
| | Satellite 2655 | | |
| | Satellite 2675 | | |
| | Satellite 2700 | | |
| | Satellite 2715 | | |
| | Satellite 2800 | | |
| | Satellite 2805 | | |
| | Satellite 4000 | | |
| | Satellite 4010 | | |
| | Satellite 4020 | | |
| | Satellite 4030 | | |
| Satellite 4060 | | | |
| Satellite 4080 | | | |
| Satellite 4090 | | | |
| Satellite 4100 | | | |
| Satellite 4200 | | | |

Step 4:

Set the battery pack's output voltage at proper level by pushing the voltage switch.






Step 5:

Press the switch (in the middle) on battery pack, check LED indicator. If only one or no indicator lights, it means the power is not enough, you have to charge the battery pack fully firstly (refer to how to charge).

Step6:

Make sure the battery pack is fully charged, connect the selected output tip and output cable together, then insert one terminal of output cable into DC OUT port of battery pack, and the other terminal with output tip into DC IN port of your notebook (you can not insert into in opposite port). Thus, the battery pack is ready for power supply of your notebook computer.

The system adopts 5 indicators of LED1~LED5 to display different power status. Press indicator switch (refer to illustration) when the battery pack is in discharge or idle status, if you press the switch POWER, the system will display the rest power of the battery for 4 seconds, details of indicator status are as follows (rest power is RP):

| | | |
|---------------|-------|--|
| 0% V/RP/20% | 1LED |  |
| 20% V/RP/40% | 2LEDS |  |
| 40% V/RP/60% | 3LEDS |  |
| 60% V/RP/80% | 4LEDS |  |
| 80% V/RP/100% | 5LEDS |  |

The blink of the first LED means the power is less than 10% or the battery group voltage is less than 10.3V. The power check is the separated module which will not consume the battery energy if no press on indicator button. When one the first LED blinks, the battery pack enters the warning of low power, at the time, please save the file and charge the battery pack in time.

Step 7:

In case of large output power or abnormal use, the battery pack will give an alarm when the internal temperature is too high. The alarm is shown by the second LED light blinking. If it is continued using, the battery pack will shut off automatically. And when the internal temperature decreases to a safe degree, the battery pack will turn on and unchain the safety protection automatically. Then it can be used continuously. The above is normal phenomenon.

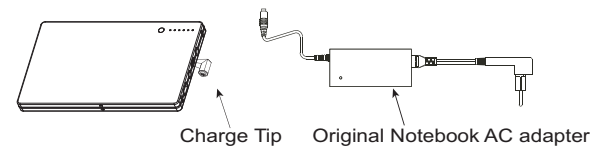
2) How to charge:

Connect the selected input tip with the notebook original AC adapter, then connect the terminal with input tip of the AC adapter

| Brand | Series Model | Voltage | Tips Number |
|---------|--|---------|-------------|
| Toshiba | Satellite T4600 Satellite T4700 Satellite T4700C Satellite T4700CS Satellite T4700CT Satellite T4700 Satellite T4800 Satellite T4800CT Satellite T4850CT Satellite T4900 Satellite T4900CT Satellite T4950CT | 19V | L52D |
| | Satellite T200 thru 4100 Satellite 200 Satellite 220 Satellite 225 Satellite 305 Satellite 315 Satellite 320 Satellite 325 Satellite 330 Satellite 335 Satellite 440 Satellite 460 Satellite 470 Satellite 480 Satellite 490 | 16V | L55/L55D |

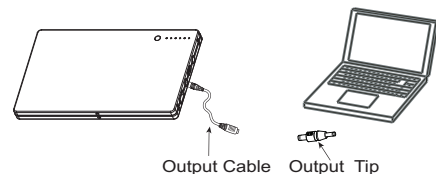
| Brand | Series Model | Voltage | Tips Number |
|---------|---|---------|-------------|
| Toshiba | Protégé 7000 Protégé 7010 Protégé 7020 Protégé 7030 Protégé 7140 Protégé 7200 Protégé M200 Tablet Protégé R100 | 16V | L55/L55D |
| | Satellite A85 Satellite 1000 Satellite 1005 Satellite 1600 Satellite 1605 Satellite 1625 Satellite 1700 Satellite 3000 Satellite M30X Satellite M35X | 19V | L53/L53D |
| | Satellite T1850 Satellite T1900 Satellite T1910 Satellite T1950 Satellite T1960 Satellite T2400 Satellite T3400 Satellite T3600 Satellite T4500 | 19V | L52D |

with the input port of battery pack (input port refers to Illustration), and connect the other terminal with electricity source to charge, the indicator is in red during the charge and turns to green after the charge. Do not discharge your notebook during the charge for improving the charging efficiency. Otherwise, the charge time will be longer.



3) Main Output of Power:

Connect one terminal of the output cable to the output port of battery pack (Output port refers to illustration), and the other terminal to the device requiring charge (Note: make sure the battery is at proper output voltage level before connection) . If the battery pack discharges, it will offer power supply to notebook firstly and charge the built-in battery with small current, but the battery using rate will be lower, so the better way is to supply power to notebook after your take out the built-in battery.



4) USB Output of Power Supply:

Connect USB input devices with battery pack, then press the indicator switch to charge the devices.

Specifications

Weight: about 600g
 Charge input: 15V~25V, 2.5A~4A adapter input
 Discharge output: voltage: 5.5V, 16, 19V
 Max. constant output power: 60W

Charge time: about 5 hours
 Output Watthour no.: 66.6Wh/6000mAh
 Cycle life: at least 300 times
 Dimension: 220x130x15 mm

Accessories




- 1) 7pcs input connector tips
- 2) 1 output cable+8pcs output connector tips
- 3) 1 user manual

| Brand | Series Model | Voltage | Tips Number |
|----------------|----------------|---------|-------------|
| SONY | Vaio FX | 19V | L54/L54D |
| | Vaio XG series | | |
| | Vaio 580 | | |
| | Vaio 800 | | |
| | Vaio 161L | | |
| | Vaio PCG-900 | | |
| | Vaio PCG-955A | | |
| | Vaio PCG-9401 | | |
| | Vaio PCG-Z505 | | |
| | Vaio PCG-Z600 | | |
| Vaio PCG-Z600 | | | |
| Vaio PCG-R600 | | | |
| Vaio QR Series | | | |
| Toshiba | Libretto 20CT | 16V | L55/L55D |
| | Libretto 30CT | | |
| | Libretto 50CT | | |
| | Libretto 60CT | | |
| | Libretto 70CT | | |
| | Protégé 300 | 16V | L55/L55D |
| | Protégé 320 | | |
| | Protégé 610 | | |
| | Protégé 620 | | |
| | Protégé 650 | | |
| Protégé 660 | | | |
| Protégé 3400 | | | |
| Protégé 3600 | | | |

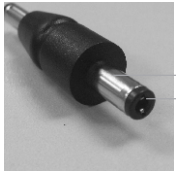


| Brand | Series Model | Voltage | Tips Number |
|-------|--------------|---------|-------------|
|-------|--------------|---------|-------------|

| | | | |
|------------------------|-----------------------|-----|----------|
| SONY | Vaio 812 | 19V | L54/L54D |
| | Vaio 818 | | |
| | Vaio 838 | | |
| | Vaio PCG-Z505 | | |
| | Vaio PCG-Z600 | | |
| | Vaio PCG-R600 | | |
| | Vaio QR series | | |
| | Vaio PCG-430 thru 490 | | |
| | Vaio PCG-431 | | |
| | Vaio PCG-450 | | |
| | Vaio PCG-461 | | |
| | Vaio PCG-480 | | |
| | Vaio PCG-481 | | |
| | Vaio PCG-490 | | |
| | Vaio PCG-491 | | |
| | Vaio PCG-700 | | |
| | Vaio PCG-705C | | |
| | Vaio PCG-707C | | |
| | Vaio PCG-717C | | |
| | Vaio PCG-719C | | |
| | Vaio PCG-731 | | |
| | Vaio PCG-735 | | |
| | Vaio PCG-737 | | |
| | Vaio PCG-745 | | |
| | Vaio PCG-747 | | |
| Vaio PCG-705 thru 748C | | | |
| Vaio PCG-F | | | |

Specification of Tips

| Model | Picture | Polarity | Dimension |
|-------|--|--------------|------------|
| L01D |  | - center+ | 4.75x1.7mm |
| L51D |  | - center+ | 5.5x1.7mm |
| L52D |  | - center+ | 5.5x2.1mm |

Specification of Tips

| Model | Picture | Polarity | Dimension |
|-------|--|------------------|-----------|
| L53D |  | → - → center+ | 5.5x2.5mm |
| L54D |  | → - → center+ | 6.5x4.5mm |
| L55D |  | → - → center+ | 6.3x3.0mm |


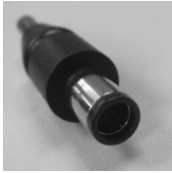
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| Brand | Series Model | Voltage | Tips Number |
|-------|---|---------|-------------|
| SHARP | Sharp Pc9020 Sharp Pc9030 Sharp Pc9040 Sharp Pc9050 Sharp Pc9340T | 19V | L53/L53D |
| | Vaio GR Vaio SR Vaio SRX Vaio VX series Vaio 161L Vaio PCG-500 Vaio PCG-505 Vaio PCG-505EX Vaio PCG-505F Vaio Picturebook PCG-C1X Vaio 505, PCG-505FX Vaio PCG-505G Vaio PCG-505GX Vaio PCG-505LS Vaio PCG-505TR Vaio PCG-505TS Vaio PCG-505TX Vaio PCG-505X | 16V | L54/L54D |
| | Vaio Picturebook PCG-C1X | 16V | L54/L54D |
| | Vaio PCG-XG Vaio 808 | 19V | L54/L54D |

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| Brand | Series Model | Voltage | Tips Number |
|-----------|--|---------|-------------|
| PRIMEBOOK | P series | 19V | L53/L53D |
| QUANTEX | H series I series T series W series 1550 TS30T H-1331 | 19V | L53/L53D |
| SAMSUNG | Pro sens 500 Pro sens 522 Pro sens 523 Pro sens 524 Pro sens 525 | 19V | L54/L54D |
| | Samsung GT 8000 | 19V | L52D |
| SHARP | Sharp Pc3000 Sharp Pc3010 Sharp Pc3020 Sharp Pc3030 Sharp Pc3040 Sharp Pc3050 Sharp Pc3060 Sharp Pc3070 Sharp Pc3080 Sharp Pc3150 Sharp Pc9000 Sharp Pc9010 | 19V | L53/L53D |

Specification of Tips

| Model | Picture | Polarity | Dimension |
|-------|---|---------------------------------------|-------------|
| L57D |  | Pin3(+) | 3P-HRS-A |
| L61D |  | (\leftarrow \rightarrow inside+) | 7.4x0.65 mm |

Devices and Intelligent Tips Compatible List

| Brand | Series Model | Voltage | Tips Number |
|---------|--|---------|-------------|
| Acer/TI | Extensa 501 Extensa 502 Extensa 503 Extensa 600 Series Extensa 700 Series Extensa 710 Series Extensa 712 Series. | 19V | L52D |
| | Extensa 390 Extensa 390C Extensa 391 Extensa 392 Extensa 393 Extensa 394 Extensa 395 Extensa 512 Extensa 513 Extensa 514 Extensa 515 Extensa 516 Extensa 517 Extensa 610 Extensa 610CD Extensa 610CDT Extensa 616 Series Extensa 620 Series Extensa 690 Series Extensa 900 Series | 19V | L53/L53D |

| Brand | Series Model | Voltage | Tips Number |
|-----------|--|---------|-------------|
| PANASONIC | ToughBook Cf27 ToughBook Cf28 ToughBook Cf33 ToughBook Cf34 ToughBook Cf35 ToughBook Cf37 ToughBook Cf41 ToughBook Cf42 ToughBook Cf45 ToughBook Cf47 ToughBook Cf48 ToughBook Cf61 ToughBook Cf62 ToughBook Cf63 ToughBook Cf71 ToughBook Cf72 ToughBook Cf-105B ToughBook Cf-170 ToughBook Cf-270 ToughBook Cf-370 ToughBook Cf-380 ToughBook Cf-M34 ToughBook Cf-V21 ToughBook Cf-V21P ToughBook Cf-V25 ToughBook Cf-V41 ToughBook Cf-V45 | 16V | L54/L54D |

| Brand | Series Model | Voltage | Tips Number |
|-----------|---|---------|-------------|
| IBM | ThinkPad 600X Series ThinkPad 2645 ThinkPad 2611 | 16V | L53/L53D |
| | ThinkPad Thinkpad A ThinkPad T ThinkPad X & R series ThinkPad Transnote | 16V | L53/L53D |
| | ThinkPad 730T ThinkPad 350Series ThinkPad 500 ThinkPad 510 Series | 19V | L52D |
| ITRONIX | GoBook Series | 19V | L52D |
| JERBOOK | Jetbook Series | 19V | L53/L53D |
| LEO | Designote 6800 9800 Green 400 | 19V | L53/L53D |
| NEC | Ready 220T Ready 330T Ready 340T Ready 360T series Ready 440T Ready VX | 19V | L53/L53D |
| PANASONIC | ToughBook Cf01 ToughBook Cf07 ToughBook Cf17 ToughBook Cf25 | 16V | L54/L54D |

| Brand | Series Model | Voltage | Tips Number |
|----------------|-----------------|---------|-------------|
| Acer/TI | Travelmate 200 | 19V | L51/L51D |
| | Travelmate 201 | | |
| | Travelmate 202 | | |
| | Travelmate 203 | | |
| | Travelmate 204 | | |
| | Travelmate 205 | | |
| | Travelmate 210 | | |
| | Travelmate 212 | | |
| | Travelmate 213 | | |
| | Travelmate 220 | | |
| | Travelmate 222 | | |
| | Travelmate 260 | | |
| | Travelmate 261 | | |
| | Travelmate 270 | | |
| | Travelmate 290 | | |
| | Travelmate 290E | | |
| | Travelmate 310 | | |
| | Travelmate 311 | | |
| | Travelmate 312 | | |
| | Travelmate 313 | | |
| | Travelmate 314 | | |
| | Travelmate 330 | | |
| | Travelmate 332 | | |
| Travelmate 333 | | | |
| Travelmate 340 | | | |
| Travelmate 341 | | | |
| Travelmate 342 | | | |

| Brand | Series Model | Voltage | Tips Number |
|---------|--------------------|---------|-------------|
| Acer/TI | Travelmate 343 | 19V | L51/L51D |
| | Travelmate 344 | | |
| | Travelmate 345 | | |
| | Travelmate 346 | | |
| | Travelmate 347 | | |
| | Travelmate 350 | | |
| | Travelmate 351-354 | | |
| | Travelmate 361-364 | | |
| | Travelmate 505 | | |
| | Travelmate 506 | | |
| | Travelmate 507 | | |
| | Travelmate 508 | | |
| | Travelmate 520 | | |
| | Travelmate 521 | | |
| | Travelmate 524 | | |
| | Travelmate 525 | | |
| | Travelmate 527-529 | | |
| | Travelmate 534 | | |
| | Travelmate 600 | | |
| | Travelmate 602 | | |
| | Travelmate 603 | | |
| | Travelmate 604 | | |
| | Travelmate 610 | | |
| | Travelmate 611 | | |
| | Travelmate 612 | | |
| | Travelmate 613 | | |
| | Travelmate 614 | | |
| | Travelmate 620 | | |

| Brand | Series Model | Voltage | Tips Number |
|-------|---|---------|-------------|
| IBM | ThinkPad I- Series 1500 ThinkPad I- Series 1512 ThinkPad I- Series 1540 ThinkPad I- Series 1541 ThinkPad I- Series 1552 ThinkPad I- Series 1560 ThinkPad I- Series 1700 ThinkPad I- Series 1720 ThinkPad I- Series 1721 | 16V | L53/L53D |
| | ThinkPad 235 ThinkPad 240 ThinkPad 290 ThinkPad 310 ThinkPad 340 ThinkPad 345 ThinkPad 365 ThinkPad 380 ThinkPad 385 ThinkPad 390 ThinkPad 535 ThinkPad 560 ThinkPad 570 ThinkPad 600 ThinkPad 701 ThinkPad 770 ThinkPad 2621-xxx ThinkPad 1161-xxx ThinkPad 1171-xxx | 16V | L53/L53D |

| Brand | Series Model | Voltage | Tips Number |
|-------|--|---------|-------------|
| HP | N6403 N6404 N6490 | 19V | L53/L53D |
| IBM | ThinkPad I- Series 1410 ThinkPad I- Series 1411 ThinkPad I- Series 1441 ThinkPad I- Series 1450 ThinkPad I- Series 1451 ThinkPad I- Series 1472 series | 19V | L52D |
| | ThinkPad I- Series1200 ThinkPad I- Series1210 ThinkPad I- Series1230 ThinkPad I- Series1250 ThinkPad I- Series1260 ThinkPad I- Series1300 ThinkPad I- Series1330 ThinkPad I- Series1400 ThinkPad I- Series1412 ThinkPad I- Series1418 ThinkPad I- Series1420 ThinkPad I- Series1434 ThinkPad I- Series1435 ThinkPad I- Series1436 ThinkPad I- Series1442 ThinkPad I- Series1470 ThinkPad I- Series1476 ThinkPad I- Series1480 | 16V | L53/L53D |

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| Brand | Series Model | Voltage | Tips Number | |
|---------|--|---------------------|-------------|------------------|
| Acer/TI | Travelmate 621 Travelmate 622 Travelmate 623 Travelmate 630 Travelmate 631 Travelmate 632 Travelmate 633 Travelmate 710 Travelmate 720 Travelmate 721 Travelmate 722 Travelmate 723 Travelmate 730 Travelmate 732 Travelmate 734 Travelmate 735 Travelmate 736 Travelmate 737 Travelmate 738 Travelmate 739 Travelmate 740 Travelmate 741 Travelmate 742 Travelmate 743 Travelmate 744 | 19V | L51/L51D | |
| | ALPHA-TOP | U370 Micron G756 | 19V 19V | L53/L53D L52D |

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| Brand | Series Model | Voltage | Tips Number |
|-----------|---|---------|-------------|
| ALPHA-TOP | U360 | 19V | L52D |
| AMI | FT6T20 TF6760 | 19V | L53/L53D |
| AST | Ascentia AST Ascentia A40 Ascentia A41 Ascentia A42 Ascentia A43 Ascentia A51 Ascentia A60 Ascentia A70 | 19V | L54/L54D |
| ASUS | A1000 Series ArtBook L7336 B1000 Series F7000, F7400 Grandio F7400 L1000B Series L2000B Series L2000D Series L2000E Series L3000C Series L3000S Series L7000 L7000C L7200 L7233 | 19V | L01/L01D |

| Brand | Series Model | Voltage | Tips Number |
|-------|---|---------|-------------|
| HP | N5450 N5452 N5454 N5455 N5461 N5462 N5470 N5472 N5474 N5475 N5481 N5482 N5484 N5490 N5491 N5495 N5511 N5584 N6191 N6195 N6395 N6396 N6397 N6398 N6399 N6400 N6401 | 19V | L53/L53D |

| Brand | Series Model | Voltage | Tips Number |
|-------|--------------|---------|-------------|
| HP | N5100 | 19V | L53/L53D |
| | N5125 | | |
| | N5150 | | |
| | N5170 | | |
| | N5190 | | |
| | N5195 | | |
| | N5200 | | |
| | N5210 | | |
| | N5240 | | |
| | N5250 | | |
| | N5270 | | |
| | N5290 | | |
| | N5295 | | |
| | N5300 | | |
| | N5310 | | |
| | N5311 | | |
| | N5340 | | |
| | N5421 | | |
| | N5422 | | |
| | N5425 | | |
| | N5430 | | |
| | N5435 | | |
| | N5440 | | |
| N5441 | | | |
| N5442 | | | |
| N5444 | | | |
| N5445 | | | |

| Brand | Series Model | Voltage | Tips Number |
|-----------------|----------------|---------|-------------|
| ASUS | L7300 | 19V | L01/L01D |
| | L8400 | | |
| | M1000 Series | | |
| | M2000 Series | | |
| | M2 Series | | |
| | MP8xxx Series | | |
| | S1000 Series | | |
| | T4700CS | | |
| BAYCOM | 2200 Series | 19V | L53/L53D |
| | 2700 Series | | |
| | 2850 Series | | |
| ChemUSA | Chembook 6120 | 19V | L55/L55D |
| | Chembook 6120L | | |
| | Chembook 6120N | | |
| | Chembook 7020 | | |
| | Chembook 1535 | 19V | L53/L53D |
| | Chembook 2020 | | |
| | Chembook 2056 | | |
| | Chembook 2250 | | |
| | Chembook 2300 | | |
| | Chembook 2333 | | |
| Chembook 2370VA | | | |
| Chembook 3015 | | | |
| Chembook 3015E | | | |

| Brand | Series Model | Voltage | Tips Number |
|---------|---|---------|-------------|
| ChemUSA | Chembook 3815 Chembook 3830 Chembook 3830A Chembook 4025 Chembook 4027 Chembook 5200 Chembook 5400 Chembook 5580 Chembook 9400 Chembook 9750 Chembook 9780 Chembook 9950 | 19V | L53/L53D |
| | Chembook 1200 Chembook 2060E Chembook 7200 Chembook 7300 Chembook 7400 Chembook 8200 Chembook 8400 Chembook 3300N | 19V | L01/L01D |
| Compaq | Armada 100 Armada 4100 Armada 4200 Series | 16V | L52D |
| | Armada 110 Armada E300 Armada E500 Armada E700 | 19V | L01/L01D |

| Brand | Series Model | Voltage | Tips Number |
|-------|---|---------|-------------|
| HP | XT15 2000 6000 series 7100 series 7150 series XE series XE2 series XE3 series 900 series, | 19V | L53/L53D |
| | N1340 N3100 N3110 N3150 N3200 N3215 N3250 N3270 N3290 N3295 N3300 N3390 N3400 N3402 N3410 N3438 N3478 N3490 N5000 | 19V | L53/L53D |

| Brand | Series Model | Voltage | Tips Number |
|-------|---|---------|-------------|
| HP | Pavilion Zt1125 Pavilion Zt1130 | 19V | L53/L53D |
| | Omnibook 2000 Omnibook 2100 Omnibook 2103 Omnibook 2105 Omnibook 3000 Omnibook 3100 Omnibook 3101 Omnibook 3250 Omnibook 4000 Omnibook 4000C Omnibook 4000CT Omnibook 4000E Omnibook 4000M Omnibook 4100 Omnibook 4150 Omnibook 4150B Omnibook 6000 Omnibook 6050 Omnibook 6100 Omnibook 6200 Omnibook 7100 Omnibook 7103 Omnibook 7150 Omnibook Vt6200 Omnibook Xt1000 | 19V | L53/L53D |

| Brand | Series Model | Voltage | Tips Number |
|--------|--|---------|-------------|
| Compaq | Armada M300 Armada M700 Armada V300 Armada 600 series Armada 800 series Armada M-series | 19V | L01/L01D |
| | Armada 1100 Armada 1120 Armada 1125 Armada 1130 Armada 4110 Armada 4110D Armada 4110T Armada 4120 Armada 4120T Armada 4124D Armada 4125D Armada 4130 Armada 4130T Armada 4131 Armada 4131T Armada 4150 Armada 4150T Armada 4160 Armada 4160T Armada 4210T Armada 4220T | 19V | L52D |

| Brand | Series Model | Voltage | Tips Number |
|--------|--|---------|-------------|
| Compaq | EVO N110 EVO N160 EVO N180 EVO N200C EVO N400C EVO N410C EVO N600C EVO N610C EVO N800C EVO N800V EVO N800W | 19V | L01/L01D |
| | Presario 1000 Presario 1010 Presario 1020 Presario 1030 Presario 1040 Presario 1050 Presario 1060 Presario 1065 Presario 1070 Presario 1072 Presario 1075 Presario 1080 Presario 1082 Presario 1084 Presario 1090 Presario 1207 | 19V | L53/L53D |

| Brand | Series Model | Voltage | Tips Number |
|-------|--|---------|-------------|
| HP | Pavilion Zt1172 Pavilion Zt1175 Pavilion Zt1180 Pavilion Zt1181 Pavilion Zt1182 Pavilion Zt1185 Pavilion Zt1190 Pavilion Zt1192 Pavilion 5200 series Pavilion 5400 series Pavilion ZE Pavilion ZT Pavilion ZU series Pavilion Xh455 Pavilion Xh485 Pavilion Xh535 Pavilion Xh545 Pavilion Xh555 Pavilion Xh575 Pavilion Xh675 Pavilion Xu155 Pavilion Xz185 Pavilion Xz275 Pavilion Ze1110 Pavilion Zt1114 Pavilion Zt1120 Pavilion Zt1121 | 19V | L53/L53D |

| Brand | Series Model | Voltage | Tips Number |
|--------------------|--------------------|---------|-------------|
| HITACHI | Vision Book E | 19V | L53/L53D |
| | Vision Book E100D | | |
| | Vision Book E100DC | | |
| | Vision Book E100DN | | |
| | Vision Book E133D | | |
| | Vision Book E133DN | | |
| | Vision Book E133T | | |
| | Vision Book E133TC | | |
| | Vision Book MX133T | | |
| | Vision Book MX150T | | |
| Vision Book MX166T | | | |
| | Flora prius 20L | 19V | L54/L54D |
| HP | Pavilion Zt1131 | 19V | L53/L53D |
| | Pavilion Zt1132 | | |
| | Pavilion Zt1135 | | |
| | Pavilion Zt1141 | | |
| | Pavilion Zt1142 | | |
| | Pavilion Zt1145 | | |
| | Pavilion Zt1150 | | |
| | Pavilion Zt1151 | | |
| | Pavilion Zt1152 | | |
| | Pavilion Zt1155 | | |
| | Pavilion Zt1161 | | |
| | Pavilion Zt1162 | | |
| | Pavilion Zt1170 | | |
| | Pavilion Zt1171 | | |

| Brand | Series Model | Voltage | Tips Number |
|---------------|---------------|---------|-------------|
| Compaq | Presario 1210 | 19V | L53/L53D |
| | Presario 1215 | | |
| | Presario 1220 | | |
| | Presario 1221 | | |
| | Presario 1230 | | |
| | Presario 1232 | | |
| | Presario 1235 | | |
| | Presario 1236 | | |
| | Presario 1237 | | |
| | Presario 1240 | | |
| | Presario 1244 | | |
| | Presario 1245 | | |
| | Presario 1247 | | |
| | Presario 1250 | | |
| | Presario 1255 | | |
| | Presario 1256 | | |
| | Presario 1260 | | |
| | Presario 1262 | | |
| | Presario 1266 | | |
| | Presario 1267 | | |
| | Presario 1270 | | |
| | Presario 1272 | | |
| | Presario 1273 | | |
| Presario 1274 | | | |
| Presario 1275 | | | |
| Presario 1277 | | | |
| Presario 1279 | | | |

| Brand | Series Model | Voltage | Tips Number |
|---------------|----------------|---------|-------------|
| Compaq | Presario 1280 | 19V | L53/L53D |
| | Presario 1400 | | |
| | Presario 1400T | | |
| | Presario 1600 | | |
| | Presario 1610 | | |
| | Presario 1611 | | |
| | Presario 1615 | | |
| | Presario 1620 | | |
| | Presario 1621 | | |
| | Presario 1622 | | |
| | Presario 1625 | | |
| | Presario 1630 | | |
| | Presario 1640 | | |
| | Presario 1650 | | |
| | Presario 1655 | | |
| | Presario 1665 | | |
| | Presario 1670 | | |
| | Presario 1672 | | |
| | Presario 1675 | | |
| | Presario 1680 | | |
| Presario 1681 | | | |
| Presario 1685 | | | |
| Presario 1687 | | | |
| Presario 1688 | | | |
| Presario 1690 | | | |
| Presario 1692 | | | |
| Presario 1693 | | | |

| Brand | Series Model | Voltage | Tips Number |
|-----------------|-----------------|---------|-------------|
| FUJITSU | Lifebook 531T | 16V | L54/L54D |
| | Lifebook 535T | | |
| | Lifebook 535TX | | |
| | Lifebook 555TX | | |
| | Lifebook 565TX | | |
| | Lifebook 585TX | | |
| | Lifebook 635 | | |
| | Lifebook 635T | | |
| | Lifebook 635TX | | |
| | Lifebook 655 | | |
| | Lifebook 655TX | | |
| | Lifebook 656TX | | |
| | Lifebook 675TX | | |
| | Lifebook 690TX | | |
| | Lifebook 735CDT | | |
| | Lifebook 735TX | | |
| | Lifebook 755TX | | |
| | Lifebook 756TX | | |
| | Lifebook 765DX | | |
| | Lifebook 765TX | | |
| | Lifebook 770TX | | |
| | Lifebook 785TX | | |
| | Lifebook 790TX | | |
| Lifebook 985TX | | | |
| Lifebook 990TX | | | |
| Lifebook 990TX2 | | | |
| Lifebook | | | |

| Brand | Series Model | Voltage | Tips Number |
|----------------|-----------------|---------|-------------|
| Compaq | Presario 1694 | 19V | L53/L53D |
| | Presario 1700 | | |
| | Presario 1700T | | |
| | Presario 1700XL | | |
| | Presario 1710 | | |
| | Presario 1710SB | | |
| | Presario 1800 | | |
| | Presario 1800T | | |
| | Presario 1800XL | | |
| | Presario 1810 | | |
| | Presario 1820 | | |
| | Presario 1825 | | |
| | Presario 1827 | | |
| | Presario 1830 | | |
| | Presario 2700 | | |
| | Presario 2700T | | |
| | Presario 700 | | |
| | Presario 700Z | | |
| | Presario 701 | | |
| | Presario 702 | | |
| | Presario 703 | | |
| | Presario 704 | | |
| | Presario 705 | | |
| Presario 705US | | | |
| Presario 706 | | | |
| Presario 710 | | | |
| Presario 711 | | | |

| Brand | Series Model | Voltage | Tips Number |
|--------|--|---------|-------------|
| Compaq | Presario 712 Presario 713 Presario 714 Presario 715 Presario 716 Presario 717 Presario 718 Presario 719 Presario 720 Presario 721 Presario 722 Presario 723 Presario 724 Presario 725 Presario 800 Presario 800XL | 19V | L53/L53D |
| | Prosignia 160 Prosignia 170 Prosignia 190 | 19V | L01/L01D |
| | Contura 386/486 series Contura 400C Contura 400CX Contura 410C Contura 410CX Contura 420C Contura 420CX | 19V | L53/L53D |

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| Brand | Series Model | Voltage | Tips Number |
|---------|---|---------|-------------|
| EPSON | CtionNote 800 CtionNote 866 CtionNote 880 CtionNote 895 CtionNote 900 CtionNote 910 | 19V | L53/L53D |
| FUJITSU | Series B Series C Series E Series FMV Series CX Series L Series I Series S | 16V | L54/L54D |
| | Lifebook 270Dx Lifebook 280Dx Lifebook 400 Lifebook 420 Lifebook 420D Lifebook 435Dx Lifebook 470 Lifebook 520 Lifebook 520D Lifebook 520T Lifebook 530 Lifebook 530T Lifebook 531T | 16V | L54/L54D |

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| Brand | Series Model | Voltage | Tips Number |
|-----------|--|---------|-------------|
| DELL | Latitude D410 Latitude D500 Latitude D505 Latitude D600 Latitude D610 Latitude D800 Latitude D810 Latitude X300 | 19V | L61/L61D |
| | Precision M20 Precision M60 M70 Workstation | 19V | L61/L61D |
| Digital | HINOTE 700VP SERIES ERA-1000 | 19V | L53/L53D |
| DUAL | ERA 1000 VDA9950 | 19V | L53/L53D |
| E-Machine | Endeavor TK-300 | 16V | L53/L53D |
| | E Slate Series Action Note 800 866 880 890 895 900 910 | 19V | L53/L53D |
| Featron | FT 8850 FT 9900 | 19V | L53/L53D |

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| Brand | Series Model | Voltage | Tips Number |
|--------|---|---------|-------------|
| Compaq | Contura 430C Contura 430CX | 19V | L53/L53D |
| | Contura 3/20 Contura 3/25 Contura 3/25C Contura 4/20 Contura 4/25 Contura 4/25C Contura 4/25CX | 19V | L52D |
| DELL | Latitude 433M Latitude 433MC Latitude 433MCX Latitude 450MC Latitude 450MCX Latitude 475C Latitude 475D Latitude 475MC Latitude LX Latitude LXX 4100/T | 19V | L53/L53D |
| | Latitude LX450 Latitude XP4100 Latitude XP4100C Latitude XP4100CX Latitude XP4100T Latitude XP450C Latitude XP475C Latitude XP475D | 19V | L54/L54D |

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| Brand | Series Model | Voltage | Tips Number |
|-------|---|---------|-------------|
| DELL | Latitude C400 Latitude C500 Latitude C510 Latitude C600 Latitude C610 Latitude C800 Latitude C810 Latitude C-Series Latitude CP Latitude CPI Latitude CS Latitude CSX Latitude CPT Latitude CPX Latitude CPS Latitude M40 workstation Latitude V700 Latitude V710 Latitude V740 Latitude XPI 133ST Latitude XPI 75T Latitude XPI CD Latitude XPI P100SD Latitude XPI P133 Latitude X200 | 19V | L57/L57D |
| | Inspiron 3000 Inspiron 3200 | 19V | L53/L53D |