



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:

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

User Manual

Thank you for purchasing our PPU1619. 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 anyway.

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 treated timely.

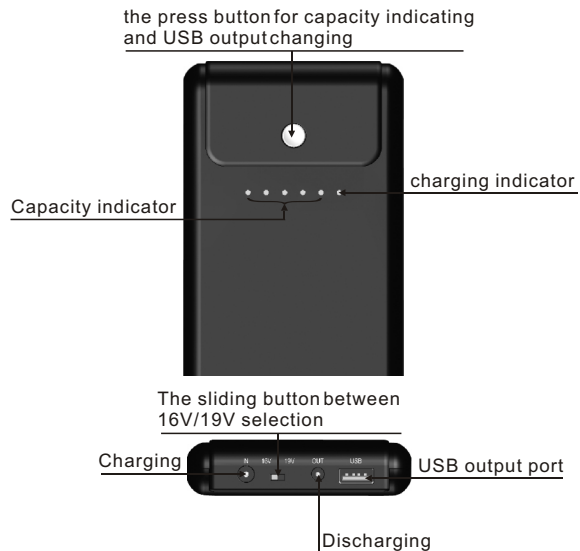
Attention!

- ※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 $-10^{\circ}\text{C} \sim 40^{\circ}\text{C}$, 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
Twinhead	Figaro 300TG Figaro 500TZ. 500TG Figaro P88T Figaro 600	19V	L53/L53D
	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:

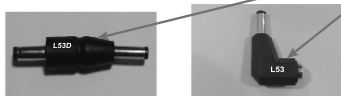
Refer to the guidance of your notebook computer or check the label on notebook computer to confirm the brand and model. Take IBM T40 as an example.



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	16V	L53/L53D
		Thinkpad		
		X & R series		
		Transnote		



Brand	Series Model	Voltage	Tips Number
Toshiba	Satellite 4280	16V	L55/L55D
	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			

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).

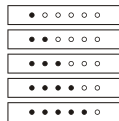
Step 6:

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% ≤RP≤20%
 20% ≤RP≤40%
 40% ≤RP≤60%
 60% ≤RP≤80%
 80% ≤RP≤100%

1LED
 2LEDS
 3LEDS
 4LEDS
 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.

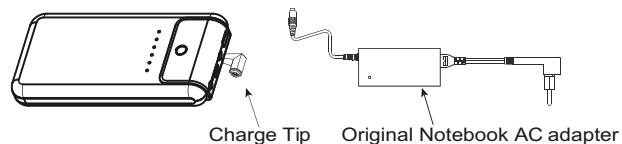
2) How to charge:

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

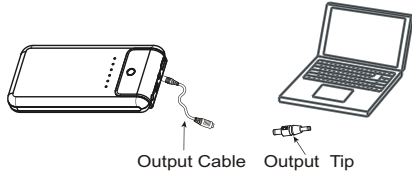
Brand	Series Model	Voltage	Tips Number
Toshiba	Protégé 7000 Protégé 7010 Protégé 7020 Protégé 7030 Protégé 7140 Protégé 7200 Protégé M200 Tablet Protégé R100	16V	L55/L55D
	Satellite A85 Satellite 1000 Satellite 1005 Satellite 1600 Satellite 1605 Satellite 1625 Satellite 1700 Satellite 3000 Satellite 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 450g

Charge input: 16V~25V, 2.5A~4A adapter input

Discharge output: voltage: 5V, 16, 19V

Current: $\leq 3.2A$

Max. constant output power: 50W

Charge time: about 2.5~3.5 hours

Output Watthour no.: 48.8Wh/4400mAh

Cycle life: at least 300 times

Dimension: 170x85x23 mm

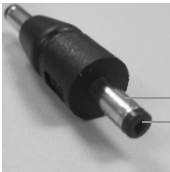
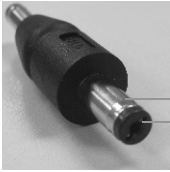
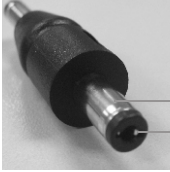
Accessories

- 1) 7pc input connector tips
- 2) 1 output cable+8pc output connector tips
- 3) 1 user manual
- 4) 1 compatible list
- 5) 1 specification list of output tips

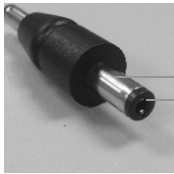
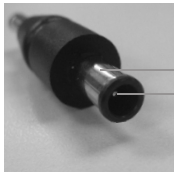
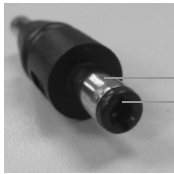
Brand	Series Model	Voltage	Tips Number
SONY	Vaio FX	19V	L54/L54D
	Vaio XG series		
	Vaio 580		
	Vaio 800		
	Vaio 161L		
	Vaio PCG-900		
	Vaio PCG-955A		
	Vaio PCG-9401		
	Vaio PCG-Z505		
	Vaio PCG-Z600		
Vaio PCG-Z600			
Vaio PCG-R600			
Vaio QR Series			
Toshiba	Libretto 20CT	16V	L55/L55D
	Libretto 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

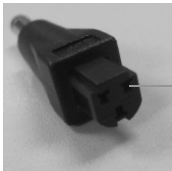
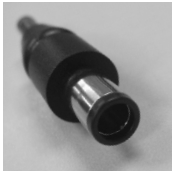
Specification of Tips

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

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
SONY	Vaio Picturebook PCG-C1X	16V	L54/L54D
	Vaio PCG-XG Vaio 808	19V	L54/L54D

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		(含内芯) 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	16V	L53/L53D
	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		
	ThinkPad 235	16V	L53/L53D
	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			

Brand	Series Model	Voltage	Tips Number
HP	N6403 N6404 N6490	19V	L53/L53D
IBM	ThinkPad I- Series 1410 ThinkPad I- Series 1411 ThinkPad I- Series1441 ThinkPad I- Series1450 ThinkPad I- Series1451 ThinkPad I- Series1472 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

Brand	Series Model	Voltage	Tips Number
Acer/TI	Travelmate 621	19V	L51/L51D
	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			
ALPHA-TOP	U370 Micron	19V	L53/L53D
	G756	19V	L52D

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		
BAYCOM	T4700CS	19V	L53/L53D
	T7200		
	T9000 Series		
ChemUSA	2200 Series	19V	L55/L55D
	2700 Series		
	2850 Series		
	Chembook 6120		
ChemUSA	Chembook 6120L	19V	L53/L53D
	Chembook 6120N		
	Chembook 7020		
	Chembook 1535		
	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
	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	19V	L53/L53D
	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		

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	Lifestyle Milan MonteCarlo MontegoFujitsu LifeStyle Pen Centra 200 Stylistic 3400 Stylistic 2300 Stylistic 1200 Point 1600 Point 510	16V	L54/L54D
	Stylus 3400 Tablet		
Gateway	Solo 1100 Solo 1150 Solo 1400 Solo 1450 Solo 1200 Solo 9550 GATEWAY Solo 2100-9500 series except 3300,3450 and 3350	19V	L52D
HITACHI	Flora Prius 210 Flora Prius 220N	16V	L53/L53D
	Vision Book Pro Vision Book Elite Vision Book Plus	19V	L53/L53D

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

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

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

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

Brand	Series Model	Voltage	Tips Number
DELL	Latitude C400	19V	L57/L57D
	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			
Inspiron 3000	19V	L53/L53D	
Inspiron 3200			

Brand	Series Model	Voltage	Tips Number
DELL	Inspiron 3500	19V	L53/L53D
	Inspiron 7000		
	Inspiron 1100	19V	L57/L57D
	Inspiron 2500		
	Inspiron 2600		
	Inspiron 3700		
	Inspiron 3800		
	Inspiron 4000		
	Inspiron 4100		
	Inspiron 4150		
	Inspiron 5000		
	Inspiron 7500		
	Inspiron 8000		
	Inspiron 8100		
	Inspiron 8200		
	Inspiron 1150	19V	L61/L61D
	Inspiron 6000		
	Inspiron 8500		
	Inspiron 8600		
	Inspiron 9200		
Inspiron 9300			
Inspiron 300m			
Inspiron 500m			
Inspiron 600m			
Inspiron 700m			
Latitude D400	19V	L61/L61D	