



## Notebook Power Adapter

19 V, AC/DC, 90 W

Part No.: **307888**

Provides power solution for mobile computing needs.

### Fits Most Popular Notebook Computers

Give mobile computing a boost with reliable, high-performance power when and where it's needed. Nine DC output plug tips match popular Acer, Asus, Compaq, Gateway, HP, Toshiba, Dell, IBM/Lenovo and Windbook models. Ideal for power supply replacement, upgrade or spare power needs.

### Features:

- Compatible with 19 V notebooks using up to 4.74 A, 90 W maximum
- Universal AC input provides a broad, mobile power solution
- Power factor correction reduces energy loss
- Convertible DC plug tips ensure proper polarization and fit
- Lightweight and compact design easily stores for travel
- Visit [www.manhattan-products.com](http://www.manhattan-products.com) for the current compatible notebook model list
- Lifetime Warranty

### Specifications:

#### Input Characteristics

- Rated voltage: 100 – 240 V
- AC voltage range: 90 – 264 V
- Frequency range: 47 – 63 Hz ( $\pm 1$  Hz)
- Voltage harmonic distortion: ? 8%
- Current: ? 1.6 A
- No-load power consumption: ? 0.5 W
- Socket: IEC 320 C8-type

#### Output Characteristics

- Rated voltage: 19 V
- Current: 0 – 4.74 A (at constant voltage mode)
- Ripple and noise: ? 300 mV (peak-to-peak)
- Overshoot voltage: ? 10%
- Dynamic load change: 19 V  $\pm$  5%

#### Protection Characteristics

- Short circuit: auto recovery mode
- Over-voltage: latch mode
- Over-current: CC mode (constant current charge)
- Over-temperature: latch mode
- 100% Hi-Pot tested, ESD (electrostatic discharge) surge protection, line input fuse protection

#### Approvals

- UL, CUL, NEMKO, CB, CE, BSMI, GOST, FCC, EK, ENEC, VDE and C-TICK; meets EMC standards EN55022 and EN55024

#### Dimensions

- AC and DC cable (each): 1.5 m (5 ft.); ± 50 mm (2 in.)

#### Package Contents

- Power Adapter
- Nine DC plug tips, travel case and cable wrap included
- User manual and compatibility chart

#### Compatible with:

##### Acer

AcerNote 370C, 374, 850C, 300 Series, 350 Series, 352 Series, 355 Series, 365 Series, 358 Series, 361 Series, 370 Series, 367D, 367T, 390, AcerNoteLight 350, 360, 370, 370C, 370P, 370PC, 372, 373, 373+, 380, P100, Anywhere 1100LX 1120LX, Aspire 1362LCi, 1362WLMi, 1363WLCi, 1522WLMi, 1524WLMi, 2001LCi, 2002LCi, 2002LMi, 2003LMi, 2012WLCi, 2012WLMi, 2025WLMi, 3613, 3614WLMi, 3623NWXM, 3623WLCi, 3623WLMi, 3623WXCi, 3623WXM, 3624WXCi, 3624WXM, 5002WLMi, 5024, 5100, 5100-3583, 5101WLMi, 5102WLMi, 5512WLMi, 5513EWLM, 5514WLMi, 5514WXM, 3002LC, 3002LMi, 3003WLMi, 3022WLMi, 3050-1594, 3680-2022, 3690-2710, 3693WLMi, 5670, 5024, 5100, 1300 Series, 1410 Series, 1640 Series, 1680 Series, 1690 Series, 2000 Series, 2000WLCi, 2000WLMi, 2010, 2020, 3000, 3500, 3600, 3610, 5000, 5022, 9500, Extensa 616CD, 616CDS, 616CDT, 2300, 3000, 355, 501DX, 501T, 502D, 503DX, 505DX, 506DX, 610CD, 610CDT, 367T, 391C, 391T, 392C, 392T, 393C, 393T, 394T, 395T, 900, 900CDT, 900T, 366D, 367D, 368D, 393, Ess-391T, Ferrari 1004WTM, 3000LMi, 3200LMi, 3400LMi, 3000Series, 3200Series, 3400Series, 4000Series, 4005WLMi, 4006WLMi, Lifenote 373, 350, 356, 358, 370, 371, 372, 373, 374, 380, 382, Tablet TMC104TCi, TMC110TCi, TMC110Ti, TMC100, TMC110, TMC300, TI Extensa 500, 501, 502, 503, 504, 505, 350 Series, 355 Series, 360 Series, 365 Series, 366 Series, 367 Series, 368 Series, 390 Series, 391 Series, 393 Series, 394 Series, 395 Series, 550 Series, 600 Series, 900 Series, TF6720, TF6760, FI8850, TravelMate 200, 201, 210, 212, 220, 270, 290, 330, 330T, 332, 333, 340, 341, 342, 343, 345T, 351, 360, 420, 505, 506, 507, 508, 510, 512, 513, 514, 515, 517, 520, 521, 524, 222X, 223X, 225X, 225XC, 225XV-Pro, 2301LC, 2301LCi, 2301WLCi, 2301XC, 2303LC, 2303LCi, 2303WLCi, 2304LCi, 2304WLCi, 230X, 230XC, 230XV, 230XV-Pro, 233LC, 233X, 233XV, 233XVi, 234LCi, 2423WXM, 2440, 261XC, 261XV, 272LC, 272XV, 273LC, 273XV, 281XC, 281XV, 283LC, 283LCi, 283XV, 283Xvi, 292, 3002WTM, 3004WTM, 3200, 350TE, 350TE-N, 351TE-N, 738 Series, 739 Series, 353TEV, 354TEV, 4000LCi, 4000WLCi, 4001LCi, 4001WLCi, 4001WLMi,

4002WLMi, 4101WLMi, 4501WLMi, 4502LMI, 4604WLMi, 505DX, 506DX, 508T, 6003LMI, 6020, 6030, 6050, 6050NT, 610TXVi, 610TXVi-Me, 611TXCi, 611TXCi-D, 611TXV, 612TXCi, 612TXV, 613TXV, 614TXCi, 630XCI, 630XV, 632XCI, 633LCi, 634XCI, 636LCi, 661LCi, 662LMI, 730TXV, 732TLV, 732TXV, 734TL, 734TXV, 735TLV, 736TL, 736TLV, 737TLV, 738TLV, 739GTLV, 739TLV, 740LVF, 741LVF, 744LCF, 4070, 4080, 4202WLMi, 4650, 506T, 507DX, 507T, 524TX, 524TXV, 8100A, 8204, C200, C210, TM279, TM360, TM370, TM380, TM520, TM530, TM620, TMC110, TMC113LCi, 351TEV, 351TEV-D, 351TEV-N, 8002LCi, 8003LMI, 8006LMI, 800LCi, 800XCI, 802LCi, 803LCi, 804LMI, 8100, 8103WLMi, 8104WLMi, C110CTi, C110Ti, C111TCi, C111Ti, C112TCi, C112Ti, C113TCi, C113Ti, C301XCI, C301XCI-G, C301XCI-G-SP, C302XCI, C302XMi, C303XMi, 2200, 2400, 2450, 2460, 2470, 2480, 2480-2153, 2480-2551, 2480-2705, 2480-2779, 2482WXM, 3010, 3020, 3030, 3040, 3210, 3220, 3230, 3250, 3260, 3270, 3270-6569, 3300, 380, 4010, 4020, 4060, 525 Series, 530 Series, 540 Series, 600 Series, 602 Series, 603 Series, 630 Series, 650 Series, 660 Series, 720 Series, 721 Series, 722 Series, 723 Series, 730 Series, 732 Series, 734 Series, 735 Series, 736 Series, 737 Series, 202 Series, 800 Series, 2300 Series, 2310 Series, 2350 Series, 2410 Series, 279, 3000 Series, 340-347 Series, 350-354 Series, 370, 4000 Series, 4020 Series, 4050 Series, 4100 Series, 4101, 4150 Series, 4500 Series, 4600 Series, 505-508 Series, 520-521 Series, 530, 600 Series, 6000 Series, 730 Series, 800 Series, 8000 Series, C100 Series, C110 Series, C300 Series, C310 Series

#### Asus

L3H, L3TP, L4, L4000E, L4000H, L4000L, L4000R, M2Series, M2000C, M2400N, M2C, M2E, M2N, M2Ne Series, M3000N, M3N, M5A Series, M6, M6000C, M6000N, M6000R, M6A, M6N, M6R, M6V, M9J, M9V, R1F, S1000N, S1N, S6F, S6F Leather Collection, U5A, V1J, V1JP, V6Series, V6J, W1 Series, W1000NA, W1JC Carbon, W1N, W2JC, W2P, W3 Series, W3J, W3V, W3Z, W5 Series, W5F, W6F, W6FP, W7J L3C, A3 Series, A3000, A3000N, A3500N, A3AC, A3E, A3FC, A3FP, A3G, 3H, A3HF, A3N, A3N/L, A3VC, A3VM, A3VP, A6 Series, A6F, A6G, A6JA, A6JC, A6JE, A6JM, A6KM, A6KT, A6M, A6R, A6RP, A6T, A6TC, A6U, A6V, A6VM, A7C, A7J, A7JC, A8F, A8JA, A8JM, A8JP, A8JS, A8M, A9RP, B1 Series, F2F, F2HF, F2J, F2JE, F3F, F3JC, FSJP, FSJV, G1, L2 Series, L3000C, L3000TP, Lamborhini-VX1

#### Compaq

Armada 100, 1100, 1120, 1125, 1130, 4100 Series, 4120, 4130, 4131, 4200 Series, 4220, Evo N115 Series, N160 Series, N180 Series, N115, N160, N180, Business Notebook NX9000, Presario 700 Series, 710, 715, 800 Series, 1000 Series, 1100 Series, 1200 Series, 1400 Series, 1600 Series, 1700 Series, 1800 Series, 2100 Series, 1010, 1020, 1030, 1060, 1065, 1070, 1075, 1080, 1080US, 1200, 1200AN, 1200AP, 1200CA, 1200CL, 1200EA, 1200SC, 1200T-12XL, 1200TC, 1200TH, 1200US, 1201AP, 1201EA, 1201S, 1202EA, 1203CL, 1205EA, 1206R, 1207, 1210, 1210JP, 1210LA, 1211CA, 1211EA, 1211LA, 1212CL, 1212EA, 1213CL, 1213EA, 1214EA, 1214FR, 1214SR, 1215, 1216, 1216JP, 1216US, 1217JP, 1219JP, 1220, 1230, 1232, 1232ES, 1234, 1235, 1236, 1237, 1238, 1240, 1242, 1244, 1245, 1246, 1247, 1250, 1252, 1255, 1256, 1257, 1260, 1262, 1266, 1267, 1270, 1272, 1273, 1274, 1275, 1277, 1278, 1279, 12XL, 12XL300B, 12XL400, 12XL401, 12XL404, 12XL410, 12XL420, 12XL423, 12XL426, 12XL427, 12XL430, 12XL500, 12XL501, 12XL504, 12XL505, 12XL526, 12XL527, 1400T, 1450, 14XL240, 1600i, 1600s Series, 1610, 1611, 1621, 1622, 1625, 1626, 1630, 1645, 1655, 1670, 1680,



1681, 1682, 1685, 1687, 1688, 1690, 1692, 1693, 1694, 16XL, 1700 Series, 1700US, 1701AK, 1702AP, 1703KR, 1704KR, 1705AP, 1710T, 1711CL, 1712US, 1713EA, 1714EA, 1715EA, 1716EA, 1717RSH, 1720, 1721EA, 1722US, 1723AP, 1724TC, 1725TC, 1726TC, 17XL260, 1800 Series, 1800T Series, 1800US, 1800XL180, 18XL280, 1810, 1825, 1830, 2500, 2500AP, 2500LA, 2501, 2502, 2503, 2504, 2505, 2505AP, 2505EA, 2505EU, 2507, 2508, 2509, 2510, 2510AP, 2510EA, 2510EU, 2510LA, 2511, 2511EA, 2512, 2512EA, 2513, 2514, 2515, 2515AP, 2515EA, 2516, 2516EA, 2517, 2518, 2519, 2520, 2520AP, 2520EA, 2520LA, 2521, 2521EA, 2522, 2523, 2524, 2525, 2525AP, 2525US, 2526, 2526EA, 2527, 2528, 2528CL, 2528EA, 2528EU, 2529, 2529CL, 2529EA, 2530, 2530AP, 2531, 2531EA, 2532, 2532EA, 2533, 2534, 2535, 2535AP, 2535EA, 2535QV, 2536, 2537, 2538, 2538AP, 2538CL, 2538EA, 2539, 2539EA, 2540, 2540AP, 2540EA, 2541, 2542, 2543, 2543AP, 2544, 2545, 2545AP, 2545US, 2545CL, 2546, 2547, 2548, 2548EA, 2549, 2549EA, 2550, 2550AP, 2550CA, 2550EA, 2551, 2552, 2552EA, 2553, 2554, 2555, 2555AP, 2555EU, 2555US, 2556, 2557, 2558, 2558EA, 2559, 2560, 2560AP, 2560EA, 2561, 2561US, 2562, 2563, 2564, 2565, 2565AP, 2566, 2567, 2567AP, 2568, 2568AP, 2568CL, 2569, 2570, 2570CA, 2570US, 2571, 2572, 2573, 2574, 2575, 2575US, 2576, 2577, 2578, 2579, 2580, 2580CA, 2580US, 2581, 2581US, 2582, 2583, 2584, 2585, 2585AG, 2585US, 2586, 2587, 2588, 2589, 2590, 2590US, 2591, 2592, 2592US, 2593, 2594, 2594US, 2595, 2596, 2596AG, 2596US, 2597, 2597CL, 2597US, 2598, 2598AG, 2598CL, 2598US, 2599, 2599US, 2700 Series, 2700T, 2700TC, 2700US, 2701TW, 2701US, 2702EA, 2710, 2710CA, 2710EA, 2710SC, 2710TC, 2710US, 2711AP, 2711EA, 2711TC, 2712EA, 2715EA, 2715US, 2716EA, 2720US, 3000 Series, 3005, 3005US, 3015US, 3017CL, 3019CL, 3020US, 3080US, 700US, 701CL, 702US, 703AP, 704JP, 705US, 706EA, 709EA, 710TC, 711EA, 712EA, 713EA, 714EA, 715US, 716EA, 717RSH, 718EA, 719EA, 720US, 721EA, 722EA, 723EA, 724EA, 725EA, 726EA, 727EA, 728EA, 729EA, 730CA, 731US, 732US, 733, 734RSH, 735CA, 736, 737EA, 738EA, 739EA, 800T, 801, 802, 803, 850, 1800t, 720, 1010-1080, 1200-1280, 1450, 1600-1830, 2700-2720, 700-955, 1110, 1115, 1120, 2100, 2100AP, 2100CA, 2100LA, 2100US, 2100XX, 2100Z, 2101AP, 2101EU, 2101US, 2102AP, 2102EA, 2102US, 2103AP, 2103EA, 2103US, 2104AP, 2104EA, 2104US, 2105AP, 2105CA, 2105EA, 2105EU, 2105LA, 2105US, 2106AP, 2106EA, 2106EU, 2106US, 2107AP, 2107EA, 2107US, 2108AP, 2108CL, 2108EA, 2108EU, 2108US, 2109AP, 2109EA, 2110AH, 2110AP, 2110CA, 2110EA, 2110LA, 2110US, 2111AP, 2111EA, 2111LA, 2112AH, 2112AP, 2112EA, 2113AP, 2113EU, 2114AP, 2114EA, 2114EU, 2115AP, 2115EA, 2116AP, 2117AP, 2117EA, 2118AD, 2118EA, 2118EU, 2119AD, 2119EA, 2120AD, 2120AP, 2120EA, 2120EU, 2120LA, 2120US, 2122AD, 2122EA, 2123AD, 2123AP, 2123EA, 2124AD, 2124AP, 2125AC, 2125AD, 2125AP, 2125EA, 2125EU, 2125LA, 2126AC, 2126AD, 2126EA, 2126EU, 2127AC, 2127AD, 2127EA, 2127EU, 2128AC, 2128AD, 2128EA, 2128US, 2129AD, 2129EA, 2130AC, 2130AD, 2130AP, 2130EA, 2130LA, 2131AC, 2131AD, 2131EA, 2131EU, 2132AC, 2132EA, 2132RS, 2133AC, 2133AD, 2133AP, 2133EA, 2134AD, 2134EA, 2135AC, 2135AD, 2135AP, 2135CA, 2135EA, 2135LA, 2135US, 2136AC, 2136AD, 2136EA, 2136RSH, 2137AC, 2137AD, 2137EA, 2138AC, 2138AD, 2138EA, 2139AC, 2139AD, 2139EA, 2139LA, 2140AC, 2140AD, 2140AP, 2140CA, 2140EA, 2140LA, 2140US, 2141AC, 2141AD, 2141EA, 2142AC, 2142EA, 2143AC, 2143AD, 2143AP, 2143EA, 2144AD, 2144EA, 2145AD, 2145AP, 2145CA, 2145EA, 2145LA, 2145US, 2146AD, 2146EA, 2147AD, 2147EA, 2148AD, 2148EA, 2149AD, 2149EA, 2150AP, 2150LA, 2150US, 2151AD, 2151EA, 2152EA, 2153AE, 2153AP, 2154AE, 2154AP, 2154EA, 2155AE, 2155AP, 2155EA, 2155US, 2156AP, 2156EA,

2157AP, 2158AP, 2158EA, 2160AD, 2160EA, 2160US, 2161AD, 2161EA, 2161US, 2162AF, 2162EA, 2162US, 2163AF, 2163EA, 2164AF, 2164EA, 2165EA, 2166EA, 2167EA, 2169EA, 2170CA, 2170US, 2171US, 2172EA, 2172US, 2173EA, 2175, 2175CA, 2175EA, 2175US, 2176RS, 2178AF, 2178CL, 2178EA, 2179AF, 2180AF, 2180CA, 2182US, 2186AF, 2186RS, 2188CL, 2190CA, 2190US, 2195CA, 2195US, 2197CA, 2198CA, 2199CA, 2199US, Prosignia 150, LTE 5000, 5100, 5150, 5180, 5200, 5230, 5250, 5280, 5300, 5380, 5400, 5480, 6000, NX9005, NX9008, NX9010

#### Dell

Inspiron 3000-3500, B120, B1230, B130, 300m, 500m, 510m, 600m, 630m, 640m, 700m, 6000, 6400, 700m, 710M, 1150, 6000, 8500, 8600, 9200, 9300, 9400, E1405, E1505, E1705, XPS M140, Latitude 100L, 110L, D400, D410, D420, D500, D505, D510, D520, D600, D610, D620, D620 (Intel Graphic card), D630 (Intl Graphic card), D630 (NVIDIA Graphic card), D800, D810, D820, L100, M20, M60, M70, X1, X300, Precision M20, M60, M65, M70, Vostro 1000, 1400 (Intel), 1400 (NVIDIA), 1500 (Intel), 1500 (NVIDIA), 1700, XPS M1210, M1330, M140

#### Gateway

Solo 400-600 Series, 200 Series, 400 Series, 450 Series, 600 Series, 1100, 1100 Series, 1150CS, 1150CL, 1150, 1150 Series, 1200 Series, 1250 Series, 1400se, 1400s, 1400 Series, 1450SE, 1450LS, 1450, 1450 Series, 2000 Series, 2100 Series, 2150 Series, 2200 Series, 2300 Series, 2500 Series, 2550 Series, 3000 Series, 3100 Series, 3150 Series, 3500 Series, 4520GZ, 5100 Series, 5150-5350, 5150 Series, 5150 Series, 5150 Series, 5300 Series, 5350 Series, 9100 Series, 9150 Series, 9300-9550, 9300VE, 9300 Series, 9500 Series, Pro 9300-E, Notebook 3018GZ, 3040GZ, 3520GZ, 3522GZ, 3525GB, 3545GZ, 3550GH, 3550GZ, 3610GZ, 400SD4, 400VTX, 4012GZ, 4024GZ, 4025GZ, 4026GZ, 4028GZ, 405E, 405X, 450ROG, 450RGH, 450SX4, 4520GZ, 4525GZ, 4530GH, 4530GZ, 4535GZ, 4536GZ, 4538GZ, 4540GZ, 4542GP, 6000 Series, 600YG2, 600YGR, 6010GZ, 6018GH, 6018GZ, 6020GZ, 6021GH, 6021GZ, 6022GZ, 6023GP, 6500 Series, 6510GZ, 6518GZ, 6520GZ, 6525GP, 6531GZ, 8510GH, 8510GZ, C-120X, C-140X (ATI), C-140X (Intel), CX200S, CX200X, CX210S, CX210X, CX2608, CX2610, CX2618, CX2619, CX2620, CX2720, CX2724, CX2726, CX2728, E-100M, E-100M G, E-100M SB, M210 Series, M250 Series, M250A, M250B, M250E, M250ES, M250G, M250GS, M255-E, M255-E SB, M255-G, M275, M280, M280E-QS, M285-E, M285-E SB, M285-G, M305, M305CRV, M305X, M360 Series, M360A, M360B, M360C, M405, M460, M460A, M460B, M460QS, M465-E, M465-G, M500, M505, M680, M-6801m, M-6802m, M-6815, M-6821b, ML3108b, ML3108q, ML3108v, ML3108z, ML3109, ML3706, ML6226b, ML6227b, ML6227q, ML6227v, ML6227z, ML6228, ML6703, MP6954, MP6954h, MP8708, , MT3418, MT3421, MT3422, MT3423, , MT3705, MT3707, MT6451, MT6452, MT6456, MT6457, MT6458, MT6459, MT6460, MT6704, MT6704h, MT6705, MT6706, MT6707, MT6708, MT6709, MT6709h, MT6711, MT6821, MT6828, MT6828h, MT6830, MT6831, MT6832b, MT6833b, MT6834b, MT6835j, MT6836j, MT6838j, MT6839b, MT6840, MT6840h, MT6841, MT6842b, MX3042, MX3044, MX3044h, MX3210, MX3215, MX3228, MX3230, MX3231, MX3414, MX3416, MX3558, MX3560, MX3560h, MX3562, MX3563, MX3563h, MX6000 Series, MX6025, MX6025h, MX6027, MX6027h, MX6028, MX6030, MX6121, MX6123, MX6124, MX6124h, MX6128, MX6131, MX6214, MX6421, MX6422, MX6425, MX6426, MX6427, MX6431, MX6436, MX6437, MX6439, MX6440, MX6444, MX6445, MX6446, MX6447, MX6448, MX6450, MX6453, MX6454, MX6455, MX6625, MX6627,

MX6627h, MX6635b, MX6638B, MX6641, MX6650, MX6650h, MX6710, MX6912, MX6920, MX6927, MX6930, MX6931, MX8520, MX8525, MX8711, MX8734, MX8738, MX8739, NX100X, NX200 Series, NX200S, NX200X, NX250X, NX260X, NX270S, NX500 Series, NX500S, NX500X, NX500XL, NX510, NX550 Series, NX550X, NX550XL, NX560X, NX570QS, NX570S, NX570X, NX570XL, NX850, NX850X, NX850XL, NX860S, S-7200C, S-7200N, S-7500N, S-7700N, T-6801m, T-6815, T-6815h, T-6816, T-6816h, T-6817c, T-6818c, Tablet Deluxe, M1200, M1300, PC Tablet

## HP

Omnibook 2100 Series, 2103, 2105, 3000 Series, 3100 Series, 3101, 4000C, 4100 Series, 4101, 4103, 4105, 4105 Series, 4150, 4150B, 500, 510, 6000 Series, 6000B, 6000C, 6100, 7100 Series, 7103, 7150 Series, 900 Series, 900b, N3000, VT6200, XE Series, XE2 Series, XE2-DB, XE2-DC, XE2-DD, XE2-DE, XE2-DI, XE3 Series, XE3B, XE3C, XE3-GD, XE3-GF, XE4100, XE4200, XE4400, XE 4400 BTO, XE4500, XE, XE2-XE4500, XT1000-XT6200, XE-DA, XT1000, XT1500, XT6050, XT6200, VT6200, Pavilion 2105US, 3101, 4101, 4103, 4105, 5159, N3100 Series, N3110, N3150, N3190, N3200 Series, N3210, N3215, N3220, N3250, N3270, N3290, N3295, N3300 Series, N3310, N3330, N3300, N3350, N3370, N3390, N5000, N5100, N5125, N5130, N5159, N5190, N5270, N5271, N5350, XH156, N5425, XZ815, ZE1110, ZE4315US, ZT1070, ZT1130, ZT1170, ZT1180, n3100-n6490m, ZE1110-ZE5270, ZE4000 Series, ZE5000 Series, ZT1000-ZT1290, ZU1155-1175, XZ133-XZ355, XU155, XU115-XT575, XH136-XH675, XF125-XF335, Sojourn

## IBM / Lenovo

Thinkpad 1400-2611, 1410i, 1411i, 1412i, 1434i, 1435i, 1436i, 1450i, 1451i, 1452i, 1470i, 1471i, 1472i, 1500i, 1500-2611, "A" series, 240, 240X, 290, 310, 310D, 310E, 310ED, 315, 365, 365XD, 380, 380D, 380E, 380ED, 380XD, 380Z, 385, 385D, 385ED, 385XD, 390, 390E, 390X, 560, 560E, 560X, 560Z, 570, 600, 600E, 600X, 701, 770, 770E, 770ED, 770X, 770Z, A20, A20m, A20p, A21, A21e, A21m, A21p, A22, A22e, A22m, A22p, A30, A30p, A31, A31p, A50, A50p, A51p, i1200, i1300, i1400-2621, i1500-2621, i1720, i1721, R30, R31, R32, R40, R40e, R50, R50e, R50p, R51, R51e, R52, T20, T21, T22, T23, T30, T40, T40p, T41, T41p, T42, T42p, T43, T43p, TransNote, X20, X21, X22, X23, X24, X30, X31, X32, X40, X41, X41 Tablet, 3000C - C100, R61, T61, Z60t 3000N - N100, 3000N - N100 (Intel), 3000V - V100, 3000 - C200, R60, R60e, T60, T60p, T60 (ATI), T60 (Intel), T60p, X60, X60 Tablet, X60s, X61 Tablet, X61s, Z60m, Z61e, Z61m, Z61p, Z61t

## Toshiba

Equium L10-I42, L10-200, Satellite 1000, 1005, 1100, 1110, 1130, 1135, 1200, 1605, 1625, 1675, 1695, 1715XCDS, 1730, 1735, 1750, 1755, 1900, 1905, 1955, 2430, 2435, 3000, 3000-H200, M30X, M35X, M35X-S311, M40-S312TD, M40X-103, M40X-148, M40X-149, M40X-189, M45-S165-1651, M45-S169-1691, M55-S139, S1391, M60 Series, M65 Series, 220, 225, 305, 315, 320, 325, 330, 335, 1400-1555, 1615, 1800-1805, 2060, 2065, 2095, 2100, 2105, 2140, 2180, 2210, 2250, 2450 Series, 2455 Series, 2505, 2515, 2520, 2525, 2535, 2540, 2545, 2590, 2595, 2610, 2615, 2655, 2675, 2715, 2755, 2775, 2800, 2805, 4000, 4005, 4010, 4015, 4020, 4025, 4030, 4060, 4070, 4080, 4090, 4100, 4320, 4340, 4360, 4600, 210CS, 230CX, 2650XDVD, 2800T, 5005-S504, 1400, 1405 Series, 1410 Series, 1415, 1500, 1555, 1555CDS, 1605CDS, 1615, 1625CDT, 1675CDS, 1695CDT, 1730, 1735, 1750, 1755, 1800 Series, 1805, 200, 2000, 2000CDS, 2060,



2060CDS, 2065, 2065CDS, 2095, 210, 2100, 2100CDS, 2100CDT, 2100CDX, 2105, 2105CDS, 2105CDT, 210CDT, 2115CDS, 2140XCDS, 2180CDT, 220, 2200, 220CDS, 2210, 2210CDT, 2210XCDS, 2230, 225, 2250, 225CDS, 230, 230CDS, 230CX, 235CDS, 2400, 2405, 2410, 2415, 2450 Series, 2455 Series, 250, 2500, 2500-2595 Series, 2500CDS, 2505, 2505CDS, 2510, 2510CDS, 2515, 2515CDS, 2515CTS, 2520, 2520CDT, 2525, 2530, 2530CDS, 2535, 2535CDS, 2540, 2540CDS, 2540XCDT, 2545, 2545CDS, 2545XCDT, 2550, 2590, 2590CDS, 2590CDT, 2595, 2595CDS, 2595CDT, 2595XDVD, 2600, 2610, 2615, 2615DVD, 2650, 2650XDVD, 2655, 2655XDVD, 2670, 2675, 2675DVD, 2695, 2700, 2710, 2710XDVD, 2715, 2715XDVD, 2755, 2755XDVD, 2770XDVD, 2775, 2800, 2800-S201, 2800T, 2805, 300 Series, 3000, 3005, 305 Series, 310 Series, 315 Series, 320 Series, 325 Series, 330 Series, 335 Series, 3400, 3600, Satellite Pro 440, 445, 460, 465, 470, 480, 490, 4220, 4260, 4280, 4300, 4600, 6000, 6100, 490X, TE2000, Tecra L2, 520, 530, 550, 700, 710, 720, 730, 740, 750, 780, 8000, 8100, 8200, 9000, 9100, 510CDT, 520CDT, 720CDT, 730X, 539, M1, S1, M100, T200, Libretto 50, 70, 60, L, U100 Series, U105 Series, Protege 300, 320, 610, 620, 650, 660, 3500, 4000, 4005, 7000, 7010, 7020, 7030, 7140, 7200, 7200Cte, 2000, 2010, 300CT, 3010, 3120, 320CT, 3490CDT, 3490CT, 3500, Tablet, 3505, Tablet, 4000, 4005, 4010, 610CT, 620CT, 650CT, 660 Series, 7000CT, 7010CT, 7020CT, 7030CT, 7140CT, 7200CT, 7200CTe, 7220Cte, M100, M200 Series, M205 Series, M300, R100 Series, R200 Series, S100 Series, Qosmio E15 Series, F15 Series, F25 Series

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J1 Series, J4 Series, N Series, SI Series, S12 Series, W Series, X1 Series, X2 Series, X4 Series, XL Series, XL2 Series, XLI Series, XP Series, XP5 Series, Z Series, Z1 Series, FX, XP5RO

Note: Please check the voltage of notebook computer before use.



