Universal AC Power Adapter - 90W
Quick Installation Guide

Introducing the **AC Power Adapter - 90W**

The *Universal AC Power Adapter - 90W* is an auto-switching 90 watt universal laptop AC power adapter/charger.

**Features and Benefits**

- Perfect as an additional or replacement AC adapter/charger for most laptop computers
- Includes 8 adapter tips for a variety of laptop/notebook computers – including Acer, Asus, Compaq, Dell, Fujitsu, Gateway, HP, IBM, Lenovo, Sony, Toshiba & more
- Coded tips make identifying correct tip to match laptop computer easy
- Output voltage settings adjusted automatically based on adapter tip attached
- Automatically adjusts input voltage for worldwide use with no need for voltage converter (country specific wall plug adapter may be required)
- Built-in Over Current Protection (OCP), Over Voltage Protection (OVP), Short Circuit Protection (SCP) & Over Temperature Protection (OTP)
**Introduction**

The *Universal AC Power Adapter - 90W* plugs into any AC power outlet anywhere in the world* and provides reliable power to run your notebook/laptop computer and charge its battery. The *Universal AC Power Adapter - 90W* uses quality components and features advanced voltage and heat protection circuits to ensure safety and efficiency.

*Note*: A wall plug adapter may be necessary to plug into AC power outlets outside of the United States, however, no voltage converter is needed anywhere in the world.

This adapter comes with a variety of numbered tips, to ensure that the proper voltage is delivered to your laptop, make sure that you are using the correct tip for your specific laptop model. Read the following instructions and refer to the **Adapter Tip Compatibility List** to select the correct tip for your laptop.

*Note*: The *Universal AC Power Adapter - 90W* is not compatible with Mac notebook/laptop computers.

**Safety information**

- Do not expose the power adapter to rain, moisture or dust
- Do not use the adapter in direct sunlight
- Use the *Universal AC Power Adapter - 90W* in a well ventilation area
• Do not open the power adapter under any circumstances. The power adapter is not intended to repaired. There are no internal servicable parts.
• Discontinue use if any of the following should occur:
  - The adapter shuts down or the LED turns off when plugged into your laptop.
  - The AC cord, output cable or plug is damaged or frayed.
• Do not use with laptops that require more than 90 watts of power.
• Make sure to use the correct adapter tip for your laptop listed in the Adapter Tip Compatibility List. Do not use a tip that is not listed on the Adapter Compatibility List with your laptop.

**Note:** For the most updated adapter tip compatibility list, please check the support section at www.siig.com.

**Package Contents**

- Universal AC Power Adapter - 90W
- 8 Adapter tips
- AC power cord
- Quick installation guide
Using the *Universal AC Power Adapter - 90W*

1. Select your notebook/laptop brand and model from the Adapter Tip Compatibility List to find the right adapter tip.

   **Note:** The use of an incorrect adapter tip may damage your laptop. Do not use this product if your laptop model is not listed in the Adapter Tip Compatibility List.

2. Locate the specified adapter tip from the included adapter tip bundle. Each tip is clearly marked on the side. See *Figure 2* below.
3. Connect the selected adapter tip to the end of the output cable, make sure that the ridge on the inside of the adapter tip aligns with the groove in the output cable connector. Also, make sure that the adapter tip is pushed all the way into the connector.

4. Plug the AC cord into the AC adapter.

5. Plug the other end of the AC cord into a reliable power outlet. The LED on the AC adapter turns green indicating that it is powered and ready for use.

   **Note:** If the LED does not turn on or turns off, discontinue use.

6. Plug the adapter tip into your laptop. The *Universal AC Power Adapter - 90W* powers the laptop and charges its battery.

**Adapter Tip Specification**

**Tip M1**

- Output voltage: 15V
- Range voltage: 14.2 - 15.5V
- Output current (max): 6A
- Connectors: 6.3 x 3.0 x 10.7mm

**Replacement:** voltage and amperage for each notebook the tip can replace

- Toshiba: 15V/3A, 15V/4A, 15V/5A, 15V/6A
- NEC: 15V/4A
Tip M2
- Output voltage: 16V
- Range voltage: 15.2 - 16.5V
- Output current (max): 5A
- Connectors: 5.5 x 2.5 x 10.7mm

Replacement: voltage and amperage for each notebook the tip can replace
- IBM / Lenovo: 16V/2.2A, 16V 3.36A, 16V/3.5A, 16V/4.5A, 16V/4.5A

Tip M3
- Output voltage: 16V
- Range voltage: 15.2 - 16.5V
- Output current (max): 5A
- Connectors: 6.0 x 4.4 x 10.7mm

Replacement: voltage and amperage for each notebook the tip can replace
- Sony: 16V/3.42A, 16V/3.75A, 16V/4A
- Fujitsu: 16V/2.5 to 4A

Tip M4
- Output voltage: 18V
- Range voltage: 18.2 - 19.5V
- Output current (max): 4.7A
- Connectors: 4.8 x 1.7 x 10.7mm
Replacement: voltage and amperage for each notebook the tip can replace

- HP/Compaq: 18.5V/2.7A, 18.5V/3.5A, 18.5V / 4.9A
- ASUS: 19.3V/3.42A

Tip M5

- Output voltage: 19V
- Range voltage: 18.2 - 19.5V
- Output Current (max): 4.7A
- Connectors: 5.5 x 2.5 x 10.7mm

Replacement: voltage and amperage for each notebook the tip can replace

- ASUS: 19V/4.74A
- Dell: 19V/3.16A, 19V/3.42A
- Compaq/HP: 18.5V/4.9A, 19A/4.9A
- Fujitsu: 19V/4.22A
- ACER: 19V/4.7A
- NEC: 19V/3.0A

Tip M6

- Output voltage: 19V
- Range voltage: 18.2 - 19.5V
- Output current (max): 4.7A
- Connectors: 5.0 x 3.0 x 10.7mm
Replacement: voltage and amperage for each notebook the tip can replace


Tip M7
- Output voltage: 19V
- Range voltage: 18.2 - 19.5V
- Output current (max): 4.7A
- Connectors: 5.5 x 2.5 x 10.7mm

Replacement: voltage and amperage for each notebook the tip can replace

- Acer: 19V/3.16A, 19V/3.42A, 19V/4.74A
- Gateway: 19V/3.0A, 19V/3.7A, 19V/4.74A
- Compaq/HP: 19V/3.0A
- IBM/Lenovo: 19V/4.7A
- Dell: 19V/3.0A

Tip M8
- Output voltage: 19.5V
- Range voltage: 18.7 - 20V
- Output current (max): 4.5A
- Connectors: 6.0 x 4.4 x 10.7mm

Replacement: voltage and amperage for each notebook the tip can replace

- Sony: 19.5V/2.7A, 19.5V/3A, 19.5V/4.1A, 19.5V/4.7A
Adapter Tip Compatibility List

ACER

Tip M5

**Acer Note Series**: 367, 390

**Extensa Series**: 360, 390, 900, ESS3-391, T4120, 5420G, 5620G, 5630G, 7620G, 7630G.

**Aspire 1300 Series**: 1300(DXV, XC, XV), 1301XV, 1302(LC, X, XC), 1304(LC, XC), 1306LC, 1307LC, 1310(LC, XC) 1312(LC, LM, MX), 1313(LC), 1314(LC), 1315(LC, LM), 1350(LC, LCe, LM, LMi), 1351(LC, LCi, XC), 1352(LC, LCe, LCi, XC), 1353(LC, LCi, LM, LMi, XC), 1354(LM, LMi), 1355, 1356, 1357, 1360, 1362, 1363, 1365, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1450, 1451, 1452, 1454.


**Ferrari 3000 Series**: 3200 Series, 3400 Series, 4000 Series, 4005 Series, FR5000.

**TravelMate Series**: 240, 541 Series, 542 Series, 543 Series 2420, 2430, 2490, 3240, 3250, 3280, 3290, 4200, 4202(LMi, WLMi), 4203, 4210, 4220, 4222, 4230, 4233WLMi, 4260, 4270, 4280, 4282WLMi, 4283WLMi, 4400, 4401(LCi, LMi, WLMi), 4402(WLCI, WLMi), 4404(LMI, WLMi), 4405WLMi, 4670,

**Tip M7**

**Acer TravelMate series:** 345T, 347T, 351TE, 350TE, 352TE, 210(T, TER), 211T, 212(T, TE, TXV), 213(T, TXV), 220, 2223(X, XC), 225(X, XC, XV-Pro), 230, 233XC, 240, 260, 270(XV), 280, 290, 330(T), 340T, 341T, 342, 350, 351TEV, 352TE-N, 353(T, TE, TEV), 354(T, TE, TEV), 360, 500, 506, 520, 521(T, TE, TXV), 522, 524TXV, 525(T, TXV), 527TXV, 528TE, 529(T, TXV, ATX), 530, 551XV, 600(TER), 602(TER), 603(TER), 604TER, 610(TXV, TXVi, TXC), 611(TXV, TXC), 612(TXV, TXC), 613(TXV, TXC), 620, 630, 730(TX, TXV), 732(TLV, TX), 734TL, 735TLV, 738TLV, 739TLV, 740.


**Extensa:** 355, 501, 501DX, 502(D), 503(DX), 505DX, 506DX, 600, 610, 700, 700T, 710(DX, T, TE), 711(TE, 712(TE)

**TravelMate series:** 233LC, 233X, 233XV, 233XVi, 234LCi, 2350, 2352, 2352LCi, 2353, 2353LC, 2352LCi, 2353LM, 2353LMi, 2353NLC, 2353WLMi, 2354, 2354LC, 2354LCi, 2354LM, 2354LMi, 2355, 2355LCi, 370, 370TCi, 370Ti, 370TMi, 71LCi, 371LMi, 371TCi, 371TCi XP, 371Ti, 371TMi, 372, 372LCi, 372LMi, 372TC, 372TCi, 372Ti, 372TM, 372TMi, 374, 374TCi, 6000, 6000LCi, 6001, 6002, 6002LCi, 6003LC, 6003LCi, 6003LM, 6003LMi, 6004, 6004LC, 6004LCi, 6004LMi, 8000, 8000LCi, 8000LMi, 8001, 8001LCib, 8002,

**TravelMate Alpha:** 550(LC, LV, XV), 551(XV), a550(LC, LV, XV), a551(XV), C300(XCi, XCi-G), C301(XCi, XCi-G), C302(MXi, XMi, XMi-G), C310, K-550.

**AcerNote:** 350, 370, 355, 356, 850C, Light 350, Light 360, Light 370(C, P, PC), 372, 373(+), 374, Light 380.

**ASUS**

**Tip M4**
A1, A2, F7, L1(B), L7, L8, L84(D, K), M1, M2(A), M3, M5(N), M6, M8, S1(A), S3N, S5(N), S8, S200, T9.

**Tip M5**
A2400L, A3000(A, E, G, L, N), A3(Ac, E, F, G, H, L, N) series, A6(Km, R, T, Ta, G, Ga, Ja, Jc, Jm, K, Km, R, T, Ta, Tc, U, V, Va, Vc, Vm), A6000(G, Ga, K, L, N, Ne, U, V, Va, Vc), A7(C, D, F, G, J, Jc, M, S, Tc, V, Vc), A8(F, Js, Jp, Jr, M, Sc), F2(J, Je), F3(E, H, JC, Jm, JP, JR, JV, Ka, Ke, L, M, P, SA, SC, SE, Sg, SR, SV, T, Tc, TV, U), F5R, F9(F, J), G1(S), G2(S) series, M2400(A, C, E, N, Ne), M2422N, M2442N, M3NP, M50(Q, Sa, Sr, Sv), M51(E, Kr, Se, Sn, Sr, Va, Vr), M70(Sa, Sr), M6000N, M6BN, M6700N, M6800N, M6B00N, M6(N, Ne, V, VA), M9V, R1E, S6F, U1F, U5(A, F), U6(E, V), V1(J, Jp), V2Je, V6J(V), VX2, W1(N, Jc), W2(J, Pc, V), W3(J, N, V), W3000, W5(A, F, V), W7(J, S), X51R, X55(SA, Sr, Sv), Z32, Z33, Z35L, Z61(A), Z63, Z70, Z270VA, Z71(A/V), Z80K, Z83V, Z90K, Z91, Z93 series.
Compaq / HP

Tip M4
Compaq Armada 100(S), 110, 150, E300, E500(S), E700, M300, M500, M700, V300, 1500 series.
**Compaq Evo Series:** N110, N150, N160, N180, N200, N400(c), N410c, N600(c), N610(c, v), N620c, N800(c, v, w), N1000(c, v), N1005V, N1015v, N1010v, N1020(v), N1050(v).
**Compaq Presario:** 165, 170, 190, 300, 800, 900, 1500, 2200, 2800, B2800, B3800, M2000, M2105, M2300, M2401, M2505, V1000, V2000z, V2135us, V2205us, V2210us, V2310us, V3000, V3100, V4000, V4100, V4200, V4300, V4400, V5000, V5100, V5200, V6000, X1010us, X1110us, X1200, X1300, X1400, X1500...etc series.
**HP Pavilion:** DV1000, DV1100, DV1200, DV1300, DV1400, DV1500, DV1600, DV2000, DV2500, DV4000, DV4100, DV4200, DV4300, DV4400, DV5000, DV6000, DV8000, DV8100, DV8200, DV8205tx, DV8210(ca, us), DV8213cl, DV8225(ca, nr), DV8230ca, DV8233cl, DV8235nr, DV8240us, DV8257la, DV8280us, DV8239ea, DV8298xx, DV8299xx, DV8301nr, DV8305(ca, us), DV8308tx, DV8309us, DV8310ca, DV8315(ca, us), DV8320us, DV8327(ca, cl, us, ea), DV8328(ca, ea), DV8330us,DV8333cl, DV8339us, DV8356ea, DV8372ea, DV8373ea, DV8375la, DV8387ea, DV8380us,DV8395ea, DV8397ea, ZE2000, ZE2100, ZE2200, ZE2300, ZE2400, ZE2500, ZE4900, ZE4901us, ZE4910us, ZE4330.
**Special Edition:** L2000, L2100, L2200, L2300 series.
**Compaq Business Notebook:** NC8000, NC8100, NC8230
HP/Compaq Notebook PC: 8000 series, 8200 series (NC8230, NX8220), 8400 Series (NC8430, NX8420), NC2400, NC4400, NC6000, NC 6100 (NC6110, NC6120), NC6200(NC6220), NC6300 (NC6320), NX6100 (NX6110, NX6115, NX6120, NX6125), NX6300 (NX6310, NX6315, NX6320, NX6325), NX8000 (But not NC8200).

Business Notebook: NC4000, NC6000, NX5000, NX7000 series.

**Tip M5**


Compaq Presario: 2100 series, 2500 series, 3000 series.

HP Compaq Tablet PC: tc1000, tc1100, tc4200, nc4200.

HP Compaq Business Notebook: nc4000, nc4010, nc8000, nx5000, nx6100, nw8000.

HP Business Notebook: NC4000, NC6000, NC8000, NW8000, NX7000 series.


**Tip M7**

Armada: 4100, 4110(D, T), 4120(T), 4124D, 4125D, 4130(T), 4131(T), 4150(T), 4160(T), 4210T, 4220T.
Presario: 300, 900.

Dell
Tip M5
Inspiron: 3000, 3200, 3500, 7000 series.

Tip M7
Latitude: LX4100, XL4100D, LX4100T.
Smart Step: 200, 250.

EMachines
Tip M4
M2105, M5000, M5105, M5116, M5305, M5309, M5310, M5312, M5313, M5405, M5410, M6805, M6807, M6809, M6810, M6811.

Fujitsu
Tip M3
Lifebook: Milan, Monte Carlo, Montegro, PenCentra 130, PenCentra 200, Point 1600, Point 510, 270DX, 280DX, 3700X, 400, 420D, 435DX, 500(SR), 520(D, T), 530(T), 531(T, TX), 535(T, TX), 555TX, 556TX, 565TX, 585(T, TX), 600, 635(T, TX), 655TX, 656TX, 675TX, 690TX, 695, 735DX, 755TX, 765(DX, TX), 770TX, 780TX, 790TX, A series, B series, C series, E series, i series, P series, S series, T series.
**Stylistic Series:** Stylistic LT C-500, Stylistic LT P-600, Stylistic 1000, Stylistic 1200, Stylistic 2300, Stylistic 3400, Stylistic 3500, Stylistic 500.

**LifeBook:** 200, 300, 400, 500, 600, 700, 900 series.

**Tip M5**

**Siemens Amilo A Series:** A1600, A1640, A1645(G), A1650(G), A1667(G), A1840, A2200+, A6600, A6660, A7600, A7620, A7640, A7645, A8600, A8620, A8625.

**L Series:** L1300(G), L1310G, L6810, L6820, L6825, L7300, L7310, L7320.

**Siemens Amilo M Series:** M1425, M7405.

**Siemens Amilo Pro V1 Series:** V1000.


**Siemens Amilo Pro V3 Series:** V3205, V3405, V3505, V3515, V3525, V3545.

**Siemens Amilo Pro V7 Series:** V7010.

**Siemens Amilo Pro V8 Series:** V8010, V8210.

**Siemens Celcius H Series:** H210, H230, H240.

**Siemens Celcius Mobile Series:** Mobile, Mobile 2, Mobile A, Mobile H, Mobile S.

**Siemens LifeBook C1000 Series:** C1010, C1020, C1110(D), C1211(D), C1212(D), C1320(D), C1321, C1410.

**Siemens LifeBook C2000 Series:** C2000, C2010, C2032, C2100, C2110, C2111, C2210, C2220, C2230, C2240, C2310, C2320, C2330, C2340.

**Siemens LifeBook C6000 Series:** C6632, C6659, C6661.

Siemens LifeBook E4000 Series: E4000D, E4010(D).
Siemens LifeBook E7000 Series: E7010, E7110.
Siemens LifeBook E8000 Series: E8010, E8020(D), E8110.
Lifebook N Series: N3511, N3520, N3530, N6110, N6210, N6410, N6420.
Lifebook S Series: S2210, S6310, S6311, S6410, S7010, S7010D, S7020(B, D, E), S7021, S7025, S7110, S7111.
Lifebook T Series: T4020(A, B, D).

Gateway

Tip M5
Gateway 3000, G93018GZ, 3040GZ, 3520GZ, 3522GZ, 3525GB, 3545GZ, 3550(GH,GZ), 3610GZ series, 4000 series, 4010(JP,GZ), 4014GB, 4016JP series, 4023JP, 4024(GZ,JP), 4025GZ, 4026GZ, 4027JP, 4028(GZ,JP) series, 4030(GH,GZ), 4046MX series, 4520GZ, 4525GZ, 4528MX, 4529MX series, 4530(GH,GZ), 4532GB, 4534JP, 4535GZ, 4536(GZ,MX), 4538GZ series, 4540GZ, 4541BZ, 4542GP, 4543BZ, 4546JP, 4547MX, 4548JP series, M210, M320, M325 series, M1300 TABLET PC series, MX3000, MX3042, MX3044(H) series, MX3210, MX3212, MX3215, MX3225, MX3228(H), MX3230, MX3231 series, MX3311B, MX3410(H), MX3412(H), MX3414, MX3416, MX3417, MX3422 series MX3558(H), MX3560(H), MX356, MX3563(H) series, MX3610, MX3701, MX3702 series, NX200S, NX200X series, MX6025h), MX6027(h), MX6028, MX6030, MX6124(h), MX6128, MX6135, MX6420, MX6421, MX6423, MX6424,
MX6425, MX6428, MX6450, MX6625, MX6627(h), MX6629(h), MX6631, MX6650(h).

**Tip M7**

Solo 1100, 1150, 1200, 1400, 1450, 2100, 2300, 2500, 3300, 3450, 3350, 5100, 9100, 9300, 9550, Solo 400L, 450L, 5300, 5350, 600L.

**IBM / Lenovo**

**Tip M2**

**ThinkPad:** 130, 235, 240, 240(X, Z), 290, 310, 360, 365(CD, CS, CSD, SE, E, ED, X, XD), 370, 380(D, D-MMX, E, ED, XC, XC, XD, XD [Type 2635-Exx], Z [Type 2635-Bxx], Z [Type 2635-Hxx], Z [Type 2635-Jxx]), 385(CD, D, D-MMX, ED, XD, XD [Type 2635-Dxx]), 390(E, X), 535, 550, 560(C, E, X, Z), 570(E), 575(E), 600(A, D, E, X), 660, 701(C, CS, CX), 770(D, E, ED, X, Z).

**ThinkPad i Series:** 1200, 1210, 1211, 1230, 1241, 1250, 1251, 1260, 1271, 1300, 1321, 1330, 1340, 1351, 1361, 1391, 1400, 1412, 1418, 1420, 1421, 1434, 1435, 1436, 1441, 1442, 1460, 1470, 1480, 1482, 1500, 1512, 1540, 1541, 1552, 1560, 1700, 1720, 1721.


**T Series:** T20, T21, T22, T23, T30, T40, T40P, T41, T41P, T42, T42P.

**X Series:** X20, X21, X22, X23, X24, X30, X31, X40.

**E Series:** E530.
**Tip M7**

**ThinkPad:** 315, 2611, 310, 310D, 310ED, 315, 315E series.

**ThinkPad i:** 1400 type 2611, i1410, i1411, i1412, i1416, i1417, i1433, i1434, i1435, i1436, i1450, i1451, i1452, i1454, i1470, i1472, i1476, i1478, i1500 type 2611, i1512, i1552 series.

**NEC**

**Tip M1**

Versa LX, Versa LXi, Versa SX, Versa SXi.

**Tip M5**

**Ready:** 220T, 120LT, 330T, 340T, 360T, 440T, VX.

**Samsung**

**Tip M6**

Nc10, NC20, N110, N120, N310.

**Samsung P Series:** SPA-V20, AD-9019.


**Sony**

**Tip M3**

Sony PCG 500, 505(EX, F, FX, G, GX, TR, TS, TX, X), C1, GR, SR, SR17(K), SR5K, SR7K, SRX, TR1, TR5 VX, Z1, V505 series.

**Sony PictureBook:** PCG-C1X.
VAIO PCG Series: Vaio PCG-500, 505, R505, Z505, 1A1N,1G1N, 5, 6, 7, 8, 181, 384, 3xxx, 4xxx, 500, 5xxx, 6xxx, 700, 800, B, C1, CR, F, FX, G, GR, GT, SRX, TR, TR1, U, VX, V505(EC), XR, XG, X505, Z1A, Z1 series.
VAIO VGN Series: B1, FZ160E, G1, S2, S1, S3, S5, S6, S7, S9, T, TX, TZ, U, UX, Y70P, Y90PSY, Z1 series.

Tip M8

Sony VAIO: F, FX, FXA, XG, VGN FW and Sony VAIO R505, GRS, GRX, FR and NV series.

Toshiba

Tip M1

PA2501U, PA2521(U, U-1ACA), PA3201U-1ACA, PA3282E-1ACA, PA3283E-2ACA, PA3283U-1ACA, PA3283U-2ACA.
Satellite: 1400, 1405, 1410, 1415, 1550, 1800, 1805, 1830, 2000, 2100, 2140, 2180, 2210, 2280, 2400, 2405, 2410, 2415, 2430, 2435, 2450, 2455, 2500, 2505, 2510, 2515, 2520, 2530, 2535, 2540, 2545, 2550, 2590, 2600, 2615, 2655, 2675, 2700, 2715, 2800, 2850, 4000, 4010, 4015, 4020, 4030, 4060, 4080, 4090, 4100, 4200, 4280, 4300, 4600, 5000, 5005, 5100, 5105, 5110, T3400, T3600.
**Satellite Pro**: 400, Pro 405, Pro 410, Pro 415, Pro 420, Pro 425, Pro 430, Pro 440, Pro 445, Pro 460, Pro 465, Pro 470, Pro 480, Pro 490, Pro 490X, Pro CDX, Pro CDS, Pro 6000, Pro 6050, Pro 6070, Pro 6100.

**Satellite A Series**: A10, A15, A50, A55, A60, A65.

**Satellite M Series**: M10, M15, M20, M30, M35, M40, M45, M100, M200, M205.

**Satellite R Series**: R10, R15.

**Portege**: 300, 320, 610, 620, 650, 660, 2000, 2010, 3400, 3500, 3505, 3600, 4000, 4005, 4010, 7000, 7010, 7020, 7030, 7140, 7200, R100.

**Tecra**: 9000, 9100 series.

**Tecra**: A1, A2, A3, A4, M1, M2, M3, M4, S1, S2, TE2000, TE2100, TE2300.

**Tip M5**

PA3516E-1AC3, PA-1900-24, PA3290E-3AC3, Satellite A300-05U, P200 BW5, PA3468U-1ACA, P205, U405.

**Satellite**: A series, L series, M series, M40 / M45 / M55 M105 series (Compatible only with the following models): M40-S312TD, M45-S165, M45-S165X, M55-S139, M55-S139X, M55-S141, M55-S1001, M105-S10xx.

**Satellite**: M30X, M35X, U300, U300-114, U305, PA3032U-1ACA, PA3165U-1ACA, ADP-75SBAB, PA-1750-04, PA3467E-1AC3, PA3476U-1ACA, PA3468E-1AC3, ADP-75SB BB, PA3432U-1ACA, PA3097U-1ACA.

**Satellite**: 1000, 1005, 1600, 1605, 1625, 1700, 3000, A85, A215.
FAQ

1. **What tip should I use for my laptop?**
   You can find the correct tip for your laptop by looking in the Adapter Tip Compatibility List.

2. **What laptops will this adapter work with?**
   The *Universal AC Power Adapter - 90W* is compatible with various brands of laptops. For a complete list look on the Adapter Tip Compatibility List.

3. **Why doesn't the adapter tip fit into my laptop?**
   If the tip does not fit into your laptop, you may have selected the wrong adapter tip. The tip should fit securely into input jack of your laptop. Do not force the tip into the input jack. Check the Adapter Tip Compatibility List for the correct adapter tip for your laptop.

4. **Will using an incorrect adapter tip damage my laptop?**
   Using an incorrect tip can damage your laptop. The adapter tips are designed to be used with specific laptops. Therefore, only use the tip that is designed specifically for your laptop. Refer to the Adapter Tip Compatibility List for the correct tip for your laptop.
My laptop requires only 19V power output. Will the adapter damage my laptop?

The *Universal AC Power Adapter - 90W* can safely provide within the range of 15V-20V power to laptops. When used with the proper adapter tip, the adapter will provide the appropriate voltage to your laptop.
Technical Support and Warranty

QUESTIONS? SIIG’s Online Support has answers! Simply visit our web site at www.siig.com and click Support. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analysts will promptly respond.

SIIG offers a 2-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for two (2) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace(with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details. If you encounter any problems with this product, please follow the procedures below.

If it is within the store’s return policy period, please return the product to the store where you purchased from. If your purchase has passed the store’s return policy period, please follow these steps to have the product repaired or replaced.

**Step 1:** Submit your RMA request.
Go to www.siig.com, click Support, then RMA to submit a request to SIIG RMA or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

**Step 2:** After obtaining an RMA number, ship the product.
- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping. Ship the product to the following address:
  SIIG, Inc.
  6078 Stewart Avenue
  Fremont, CA 94538-3152, USA
  RMA #: ______________________
- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.
About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

| PRODUCT NAME |
| Universal AC Power Adapter - 90W |

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE
SIIG, Inc.
6078 Stewart Avenue
Fremont, CA  94538-3152, USA
Phone: 510-657-8688

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