



Universal AC Power Adapter - 90W

Quick Installation Guide

Introduction

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 12 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 be repaired. There are no internal serviceable 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*
- 12 Adapter tips
- AC power cord
- Travel bag
- Quick installation guide

Layout

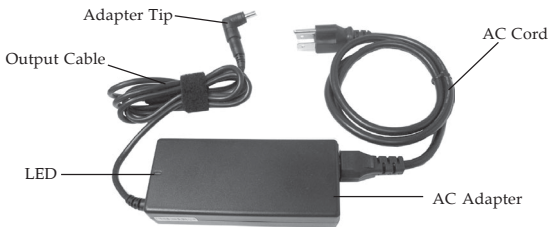


Figure 1: Layout

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.



Figure 2: Adapter Tip

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 it's battery.

Adapter Tip Specification

Tip M1

- Output voltage: 15V
- Voltage range: 14.2V - 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
- Voltage range: 15.2V - 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
- Voltage range: 15.2V - 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: 18.5V
- Voltage range: 18.2V - 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
- Voltage range: 18.2V - 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
- Toshiba: 19V/3.16A, 19V/3.42A, 19V/4.74A;
- Fujitsu: 19V/4.22A
- Gateway:19V/3.16A,19V/3.42A,19V/3.68A,19V/4.74A
- ACER: 19V/4.7A
- NEC: 19V/3.0A

Tip M6

- Output voltage:19V
- Voltage range: 18.2V - 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

- Samsung: 19V/3.16A, 19V/3.75A, 19V/4.22A, 19V/4.74A

Tip M7

- Output voltage: 19V
- Voltage range: 18.2V - 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
- Voltage range: 18.7V - 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

Tip M9

- Output voltage: 19.5V
- Voltage range: 18.7V - 20V
- Output current (max): 4.5A
- Connectors: 7.4 (OD) x 5 (ID) x 12.5 (L) mm

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

- Dell: 19.5V/3.34A, 19.5V/4.62A

Tip M10

- Output voltage: 20V
- Voltage range: 19.2V - 20.5V
- Output current (max): 4.5A
- Connectors: 7.3 (OD) x 7.4 (ID) x 8 (L) mm

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

- Dell: 20V/3.5A, 20V/4.5A

Tip M11

- Output voltage: 20V
- Voltage range: 19.2V - 20.5V
- Output current (max): 4.5A
- Connectors: 7.9 (OD) x 5.4 (ID) x 12.5 (L) mm

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

- IBM/Lenovo: 20V/3.25A, 20V/4.5A

Tip M12

- Output voltage: 18.5V
- Voltage range: 17.1V - 19.0V
- Output current (max): 4.87A
- Connectors: 7.5 (OD) x 5 (ID) x 12.5 (L) mm

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

- HP/Compaq: 18.5V/3.5A, 19V/4.74A

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.

Aspire Series: 3100, 3640, 3690, 4220G, 4272, 4320G, 4330, 4520G, 4710G, 4720G, 4730ZG, 4920G, 4930G, 5020, 5023, 5110, 5520, 5530G, 5540, 5550, 5552, 5560, 5590, 5594, 5600,

5610(Z), 5620, 5630, 5650, 5670, 5672, 5680, 5710 (G,ZG), 5730ZG, 5910G, 5920G, 5930G, 6920G, 7000, 7110, 7220, 7520(G), 7720(G), 7730 (G, ZG), 8920G, 9100, 9120, 9300, 9410(Z), 9420, 9500, 9510, 9520.

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, 4730G, 5110, 5220G, 5510, 5520G, 5530G, 5610, 5620, 5710G, 5720G, 5730G, 6410, 6460, 6500, 6592G, 7220(G), 7510, 7520(G), 7530G, 7720G, 7730G, 8200, 8210.

Tip M7

Acer TravelMate Series: 345T, 347T, 351TE, 350TE, 352TE, 210 (T, TER), 211T, 212 (T, TE, TXV), 213 (T, TXV), 220, 223 (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 (TE, TEV), 354 (TE, TEV), 360, 500, 506, 520, 521 (T, TE, TXV), 522, 524TXV, 525 (TE, TXV), 527TXV, 528TE, 529 (TX, 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.

Aspire: 1200, 1680, 2000, 2001, 2002, 2003, 2010, 2012, 2013, 2014, 2016, 2020, 2021, 2023, 2024, 2025, 2026, 3000.

Extensa: 355, 501, 501DX, 502(D), 503(DX), 505DX, 506DX, 600, 610, 700, 700T, 710 (DX, T, TE), 711TE, 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, 371TCiXP, 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, 8002 (LC, LCi, LCib), 8003 (LC, LCi, LCib, LM, LMi, LMib), 8004 (LCi, LCib, LM, LMi, LMib), 8005 (LCi, LCib, LMi, LMib), 8006 (LCi, LM, LMi, LMib).

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, Jc, 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).

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 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, NC6100 (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

Presario: 900(US, Z), 901, 902, 903, 904 (RSH), 905 (CA, US), 906 (US), 907, 908, 909, 910 (US), 911, 912 (RSH), 913, 914, 915 (CA, US), 916 (US), 917, 918 (RSH), 919, 920, 620.

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.

HP Pavilion Series: dv1000, dv1100, dv1200, dv1300, dv1400, dv1500, dv1600, dv2000, dv2100, dv4000, dv4100, dv4200, dv4300, dv4400, dv5000, dv5100, dv8000, dv8100, dv8200, dv8300, dv8400, ze2000, ze2100, ze2200, ze4900 series, zt3000, zt3100, zt3200, zt3300, zt4000 series, HP Special edition L2000 series.

Tip M7

Contura: 3/20, 3/25, 3/25C, 4/20, 4/25, 4/25C, 4/25CX.

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

Presario: 300, 900.

Tip M12

HP/Compaq Mobile Workstation: nw8440, nc2400, nc4400, nc6120, nc6140, nc6220, nc6230, nc6320, nc6400, nc8430, nx6110, nx6115, nx6125, nx6310, nx6325, nx7300, nx7400.

HP/Compaq Tablet PC: TC4400 series.

HP/Compaq: CQ20, CQ35, CQ40, CQ45, CQ50, CQ60, CQ61, CQ70, CQ71 series.

HP Business Notebook: 2200 series, 2210B, 2230S, 2500, 2510P, 6500, 6530S, 6531S, 6535S, 6700, 6710B, 6730S, 6735S, NC2400, NC4200, NC4400, NC6100, NC6110 S, NC6120, NC6140, NC6300, NC6320, NC6400, NC8400, NC8430, NX6100, NX6110, NX6115, NX6120, NX6125, NX6130, NX6310, NX6315, NX6320, NX6325, NX7300, NX7400 series.

HP/Compaq Elitebook: 2530P, 2530P, 2730P series.

HP/Compaq G: G50, G60, G70, G70T-100 CTO, G70T-200 CTO.

HP/Compaq Mini: 2133, 2140, 5101, 5102, MINI-NOTE series.

HP/COMPAQ Probook: 4300, 4310S, 4400, 4410S, 4411S, 4415S, 4416S, 4500, 4510S, 4515S, 4516S, 4700, 4710S, 5300, 5310M series.

HP/Compaq Thin Client: 2533T, 4410T series.

HP Pavilion: DV3-1000, DV4-1000, DV4-1100, DV4-1200, DV4T-1000, DV4T-1100, DV4T-1200, DV4Z-1000, DV4Z-1100, DV4Z-1200, DV5-1000, DV5-1100, DV5-1200, DV5T-1000, DV5T-1100, DV5T-1200, DV5TSE-1100, DV5Z-1000, DV5Z-1100, DV5Z-1200, DV6-1000, DV6T-1000, DV7-1000, DV7-1100, DV7-1200, DV7T-1000, DV7T-1100, DV7T-1200, DV7Z-1000, DV7Z-1100 series.

Dell

Tip M5

Inspiron: 3000, 3200, 3500, 7000 series.

Tip M7

Latitude: LX4100, XL4100D, LX4100T.

Smart Step: 200, 250.

Tip M9

Precision: M20, M60, M65, M70, M4300.

Inspiron: 1150, 1420, 1501, 1705, 1720, 1721, 600m, 3200, 6400, 8500, 8500m, 8600, 9200, 9300, 9400, E1501, E1505, E1705, 300m, 500m, 505m, 510m, 600m, 600mcr, 630m, 640m, 6000, 6400 (E1505), 700m, 710m, 8500, 8600, 8600CR, 9200, 9300, 9400 (E1705).

Latitude: 100L, 131L, D400, D410, D420, D430, D500, D505, D510, D520, D530, D531, D531N, D560, D600, D610, D620, D630, D630N, D631, D631N, D800, D810, D820, D830, D830N, X300.

Vostro: 1700.

XPS: M1210, M2010, M140.

Tip M10

Inspiron: 2500, 2600, 2650, 3700, 3800, 4000, 4100, 5000, 5000e, 7500, 8000, 8100.

Latitude: C400, C500, C510, C600, C610, C800, C810, CPi 233ST, CPi 366, CPi D233, CPi D266XT, CPi D300 XT, CPiA, CPiA300ST, CPiA366ST, CPiA366XT, CPiA400XT, CPiC333GT, CPiC400GT, CPiR, CPiR400GT, CPm, CPm 166ST, CPm 233ST, CPm 233XT, CPT, CPt C333GT, CPt S500GT, CPtC, CPtS, CPtV, CPtV 466GT, CPX, CPxH,

CPXH500GT, CPxJ, CPxJ 650GT, CS, CS R, CSI, CSX, X200, Xpi, XPi 133ST, XPi 75T, XPi CD, XPi P100SD, XPi P120ST, XPi P133, XPi series.

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, Bseries, 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, Stylistic340, Stylistic 350, 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 V2 Series: V2000, V2010, V2020, V2030, V2035, V2040, V2045, V2055, V2060, V2065, V2085.

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 E2000 Series: E2000, E2010.

Siemens LifeBook E4000 Series: E4000D, E4010(D).

Siemens LifeBook E6000 Series: E6180, E6624, E6634, E6644, E6646, E6654, E6664.

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, MX6025(h), 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.

A Series: A20, A20, A20M, A20P, A21, A21E, A21M, A21P, A22E, A22M, A22P, A30, A30, A30P, A31, A31P.

R Series: R30, R31, R32, R40, R40E, R50, R50E, R50P, R51.

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.

Tip M11

ThinkPad: T60, X60, Z60, Z60M, Z60T, R60.

IBM/Lenovo: N100, V100, 3000, C100.

NEC

Tip M1

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

Tip M5

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

Samsung

Tip M6

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

Samsung: GT9000 series, P series, P10 series, P20 series, NP20 series, P25 series, P30 series, P35 series, NP25 series, P40 series, T10 series, V20 series, V25 series, X20 series, X25 series, X50 series, A10 series, Nc10, NC20, N110, N120, N310.

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: 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, R505, GRS, GRX, FR, NV series.

Stylistic Series: PCG-505 series, PCG-C1 series, PCG-GR series, PCG-SR series, PCG-SRX series, PCG-TR1 series, PCG-VX series, PCG-Z1A series, PCG-800 series.

Toshiba

Tip M1

PA2501U, PA2521(U, U-1ACA), PA3201U-1ACA, PA3282E-1ACA, PA3283E-2ACA, PA3283U-1ACA, PA3283U-2ACA.

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

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

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 R Series: R10, R15.

Tecra: 9000, 9100 series.

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

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

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 used 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 the 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 the 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.

5. **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 analyst 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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