

Cisco Metro Sizing Guide 230V AC Power

Notes

1. All UPS battery run times are scalable with extended battery packs
 2. The Value UPS (APC SmartUPS) provides power protection & runtime
 3. The Performance UPS (APC Symmetra) provides power protection & runtime.
- In addition, the Symmetra is modular and thus easily scalable, servicable and can be configured to provide N+1 redundancy for high availability requirements

Product	Watts	Value UPS: Runtime & Scalability	Extra Battery Pack	Performance UPS: Power & Runtime Scalability, High Availability	Extra Battery Pack
Internet Router 12406	1700W	SU3000RMXLI3U	SU48R3XLBP	SYH4K6RMI	SYRMXR4B4
Internet Router 12410	2791W	SU5000RMXLI5U	SU48R3XLBP	SYH6K6RMI	SYRMXR4B4
Internet Router 10720	500W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Internet Router 7603	950W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Internet Router 7606	1900W	SU3000RMXLI3U	SU48R3XLBP	SYH4K6RMI	SYRMXR4B4
Internet Router 7609	4000W	SU5000RMXLI5U	SU48R3XLBP	SYH6K6RMI	SYRMXR4B4
Catalyst 2950-12, 2950-24, 2950C-24, and 2950T-24	30W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 2950G-12-EI, 2950G-24-EI	30W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 2950G-48-EI	45W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3508G XL	82W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3512	50W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3524	75W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3548 XL	100W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3524-PWR XL	325W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3550-12T and 3550-12G	190W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3550-24	65W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3550-24-FX	85W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3550-48	110W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 3550-24PWR	525W	SURT1000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 4503 1000W Supply	1000W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 4506 1000W Supply	1000W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 4507R 1000W Supply	1000W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 4503 1300W Supply	1300W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 4506 1300W Supply	1300W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 4507R 1300W Supply	1300W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 4503 2800W Supply	2800W	SU5000RMXLI5U	SU48R3XLBP	SYH6K6RMI	SYRMXR4B4
Catalyst 4506 2800W Supply	2800W	SU5000RMXLI5U	SU48R3XLBP	SYH6K6RMI	SYRMXR4B4
Catalyst 4507R 2800W Supply	2800W	SU5000RMXLI5U	SU48R3XLBP	SYH6K6RMI	SYRMXR4B4
Catalyst 6503	950W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 6506 1000W Supply	1000W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 6506 1300W Supply	1300W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 6506 2500W Supply	2500W	SU5000RMXLI5U	SU48R3XLBP	SYH4K6RMI	SYRMXR4B4
Catalyst 6509 1300W Supply	1300W	SURT2000XLI	SURT48XLBP	SYH2K6RMI	SYRMXR4B4
Catalyst 6509 2500W Supply	2500W	SU5000RMXLI5U	SU48R3XLBP	SYH4K6RMI	SYRMXR4B4
Catalyst 6509 4000W Supply	4000W	SU5000RMXLI5U	SU48R3XLBP	SYH6K6RMI	SYRMXR4B4
Catalyst 6513 2500W Supply	2500W	SU5000RMXLI5U	SU48R3XLBP	SYH4K6RMI	SYRMXR4B4
Catalyst 6513 4000W Supply	4000W	SU5000RMXLI5U	SU48R3XLBP	SYH6K6RMI	SYRMXR4B4

All SURT products (UPS and battery packs) need part# SURTRK rail kit in order to rack mount



AMERICAN POWER CONVERSION

Cisco Sizing

Recommended UPS will provide approximately 10-15 minutes of Runtime

Product Routers/Hubs	Watts	VA	UPS Recommended
1001 Lan Extender Router	12	16.8	PS250
1003/4 ISDN Router	85	119	PS250
1005 Serial Router	85	119	PS250
12004 Router	943	1320.2	SU2200RM3U
12008 GSR Router	1560	2184	SU3000RM3U
12012 GSR Router	1794	2511.6	SU3000RM3U
1400 Series xDSL Routers	40	56	PS250
1500 Series MicroHub	20	28	PS250
1600 Series Router	27	37.8	PS250
1720 Access Router	20	28	PS250
1750 Access Router	30	42	PS250
2500 Series Access Router	40	56	PS250
2600 Series Access Router	70	98	PS250
3620 Router	60	84	PS250
3640 Router	140	196	PS250
4000/4000-M Router	200	280	PS450
4500/4700-M Router	200	280	PS450
7000 Multiprotocol Router	700	980	SU2200RM3U*
7010 Multiprotocol Router	600	840	SU1400RM2U
7120/7140 VPN Routers	525	735	SU1400RM2U
7200 Series Routers	370	518	SU1000RM2U
7505 Router	600	840	SU1400RM2U
7507 Router	626	876.4	SU1400RM2U
7513 Router	1700	2380	SU3000RM3U*
7576 Router	1700	2380	SU3000RM3U*
760/770 Series ISDN Access Routers	50	70	PS250
760/770 Series Routers	50	70	PS250
765/766 Router	20	28	PS250
800 Series Router	50	70	PS250
FastHub 100	25	35	PS250
FastHub 100 Series	25	35	PS250
FastHub 200	43	60.2	PS250
FastHub 200 Series	43	60.2	PS250
FastHub 300	80	112	PS250
FastHub 300 Series	80	112	PS250
FastHub 400	20	28	PS250
MicroHub 10/100	35	49	PS250
uBR7233 Router	700	980	SU1400RM2U
uBR7246 Router	840	1176	SU2200RM3U*
uBR924 Cable Access Router	20	28	PS250

* also REQUIRES SU029RM3U

Product	Catalyst	Watts	VA	UPS Recommended
Catalyst 1200		171	239.4	PS450
Catalyst 1800		120	168	PS450
Catalyst 1900		65	91	PS250
Catalyst 2600		143	200.2	PS450
Catalyst 2820		110	154	PS250
Catalyst 2900		264	369.6	SU700RM2U
Catalyst 2908XL		70	98	PS250
Catalyst 2916MXL		150	210	PS450
Catalyst 2924XL 10/100		80	112	PS250
Catalyst 2924XL/CXL		80	112	PS250
Catalyst 3000		180	252	PS450
Catalyst 3100		171	239.4	PS450
Catalyst 3200		343	480.2	SU700RM2U
Catalyst 3500 Series XL		100	140	PS450
Catalyst 3508G		70	98	PS250
Catalyst 3512XL		70	98	PS250
Catalyst 3524XL		70	98	PS250
Catalyst 3900		180	252	PS450
Catalyst 3900 Token Ring Modul		20	28	PS250
Catalyst 3920		90	126	PS250
Catalyst 4000 Series		420	508	SU700RM2U
Catalyst 5000		350	490	SU700RM2U
Catalyst 5002		155	217	PS450
Catalyst 5500		1100	1540	SU2200RM3U*
Catalyst 5502		250	350	PS450
Catalyst 5505		350	490	SU700RM2U
Catalyst 5509		928	1299.2	SU2200RM3U*
Catalyst 6000 Series		1300	1820	SU3000RM3U*
Catalyst 6506 Chassis		1300	1820	SU3000RM3U*
Catalyst 8510		840	1176	SU2200RM3U*
Catalyst 8540		1030	1442	SU2200RM3U*
Catalyst Matrix		86	120.4	PS450
Catalyst WS_C1400 Concentrat		110	154	PS250

* also REQUIRES SU029RM3U

Product Other	Watts	VA	UPS Recommended
3660 Multiservice Platform	480	672	SU1000RM2U
6100 Series (-48VDC Only)	600	840	SU1400RM2U
6200 Series (-48VDC Only)	600	840	SU1400RM2U
6400 Concentrator	1200	1680	SU3000RM3U*
6506 Chassis	1300	1820	SU3000RM3U*
90 Series	300	420	SU700RM2U
AccessPath	1226	1716.4	SU3000RM3U*
AccessPath-LS3	935	1309	SU2200RM3U*
AccessPath-TS3	1760	2464	SU3000RM3U*
BPX 8600 Series	1400	1960	SU3000RM3U*
BPX 8620	1400	1960	SU3000RM3U*
BPX 8650	1770	2478	SU3000RM3U*
BPXC 8650	1400	1960	SU3000RM3U*
DistributedDirector 2501	257	359.8	SU700RM2U
DistributedDirector 4700M	257	359.8	SU700RM2U
EtherSwitch 1220 Series	51	71.4	PS250
EtherSwitch 1420 Series	110	154	PS250
EtherSwitch CPW2115	171	239.4	PS450
EtherSwitch CPW2200	264	369.6	PS450
FastPAD	200	280	PS450
FastPAD Micro	200	280	PS450
FastPADIMP	40	56	PS250
FastPADMP	40	56	PS250
IGX 8410	400	560	SU700RM2U
IGX 8420/8430	875	1225	SU2200RM3U
IPeXchange Internet Gateway	25	35	PS250
LightStream 1010 Switch	376	526.4	SU700RM2U
LightStream 2020 Switch	286	400.4	SU700RM2U
LocalDirector	214	299.6	PS450
MC3810	60	84	PS250
MC3810 Concentrator	60	84	PS250
MCS-7830 Media Convergence Server	180	252	SU700RM2U
MGX 8220 Concentrator	400	560	SU700RM2U
MGX 8800 Switch	1000	1400	SU2200RM3U*
MGX 8850 Switch	1000	1400	SU2200RM3U*
PIX Firewall	360	504	SU700RM2U
Stratacom BPX Node	1400	1960	SU3000RM3U*
Stratacom BPX Node Axis	400	560	SU700RM2U
Stratacom BXM-155	70	98	PS250
Stratacom BXM-622	85	119	PS250
Stratacom BXM-T3/E3	100	140	PS250
Stratacom IGX 8 ATM	400	560	SU700RM2U
Stratacom IPX 16	600	840	SU1400RM2U
Stratacom IPX 8	600	840	SU1400RM2U
WS-C1400 CDDI/FDDI CON.	214	299.6	PS450

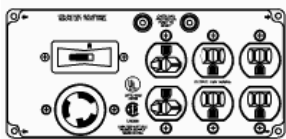
* also REQUIRES SU029RM3U

APC Accessories

- NetShelter (AR1000A)** - Premium 19" rack enclosure
MasterSwitch and MasterSwitch Plus (AP9211 and AP9225)
 - Reboot locked hubs and routers via SNMP, web browser, or modem
 - Allows Individual control of up to 8 networking devices
 - Loadshedding (*MasterSwitch Plus only*)
- Environmental Monitoring Card (AP9612TH)**
 - monitor environmental conditions surrounding the UPS
- Out-of-Band Management Card (AP9608)**
 - Provides management of UPS via modem
- Relay I/O Card (AP9610)**
 - Enables management of UPS through a dry-contact interface
- Web/SNMP Management Card (AP9606)**
 - Provides standards-based management of UPS

Detail of SU029RM3U

- (4) NEMA 5-15
- (2) NEMA 5-20
- (1) NEMA L5-20



For More Information:
 Visit us on the internet at: www.apcc.com
 Call our customer service at: 1-800-800-4APC