UPS
Selection Guide

Synology® **Power Shield®**

This selection guide is designed to select the optimum PowerShield Uninterruptible Power Supply for the chosen Synology product.

SYNOLOGY DESKTOP MODELS

SYNOLOGY MODEL (DESKTOP)	ACTUAL RUNNING LOAD IN WATTS	INPUT POWER SUPPLIES SINGLE /DUAL	UPS MODEL	BATTERY RUN TIME (minutes)
XS/XS (+) MODEL				
DS3617xsll (12 bay)	108	Single	PSD650	30
			PSD1200	60
			PSD1600	65
			PSCM1100	65
			PSCM200	125
DS1621xs+ (6bay)	63	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
Plus (+) MODEL (Desktop)				
DS2419+ll (12 bay)	102	Single	PSD650	30
			PSD1200	60
			PSD1600	35
			PSCM1100	65
			PSCM200	125
DS1821+ (8 bay)	60	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
DS1621+ (6 bay)	51	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
DS1520+ (5 bay)	37	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100s	119
			PSCM2000	267
DS920+ DS920+ (4 bay)	32 28	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
DS720+ (2 bay) DS220+ (2 bay)	16 15	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267

SYNOLOGY MODEL (DESKTOP)	ACTUAL RUNNING LOAD IN WATTS	INPUT POWER SUPPLIES SINGLE /DUAL	UPS MODEL	BATTERY RUN TIME (minutes)
VALUE MODEL (Desktop)				
DS1817 (8 bay)	69	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
DS418 (4 bay)	27	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
DS218 (2 bay)	15	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
DS118 (1 bay)	9	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
J MODEL (Desktop)				
DS420j (4 bay)	22	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
DS220j (2 bay)	13	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267
DS120j (1 bay)	10	Single	PSD650	52
			PSD1200	112
			PSD1600	116
			PSCM1100	119
			PSCM2000	267

Use This Guide To Select The Correct PowerShield Tower UPS for Your Synology Solution:

Simply choose your Synology product and the Battery Run Time you desire to determine the best UPS model.

The PSD1600 (Defender 1600VA Tower), for example, would run on battery for 116 minutes with the DS1817 8 Bay Desktop model.

Defender 650 I 1200 I 1600 I 2000 VA
PSD650, PSD1200, PSD1600, PSD2000

The **Defender Range** uses Automatic Voltage Regulation (AVR) to minimise the effects of fluctuations in input voltage, protecting valuable equiment from power line disturbances.

LINE INTERACTIVE — **ENHANCED PROTECTION**

- Best in its class surge protection
- HID Communication via USB
- NetGuard® software communication via USB
- Buck and Boost AVR for Voltage Stabilization
- User replaceable hot swappable batteries
- Off-mode charging
- Cold start function
- Silent operation - no fans.

Commander Tower 1100 I 2000 VA

The **Commander Tower UPS** is a sophisticated Line Interactive, Pure Sine Wave UPS. With improved communication options, intuitive user friendly mimic LCD display and ECO mode that uses less power for more energy savings, this UPS is perfect for workstations, gaming and motor applications.

- Pure Sine Wave Output
- Output power factor 0.9
- Programmable power management
- HID Communication via USB
- NetGuard® software communication via USB
- Smart AVR with buck and boost
- Ultra modern informative mimic LCD
- Intelligent slot - SNMP, AS400 and ModBus
- 3 stage advanced charge system for increased battery longevity

LINE INTERACTIVE — **ENHANCED PROTECTION**

UPS
Selection Guide

Synology® Power Shield®

This selection guide is designed to select the optimum PowerShield Uninterruptible Power Supply for the chosen Synology product.

NEED HELP SELECTING A UPS?
Our online PowerShield UPS Sizing Guide is available now.
Visit our website and enter your load requirements to see the best solution for your application.

powershield.com.au

SYNOLOGY RACK MOUNT MODELS

SYNOLOGY MODEL (RACKMOUNT)	ACTUAL RUNNING LOAD IN WATTS	INPUT POWER SUPPLIES SINGLE /DUAL	UPS MODEL	BATTERY RUN TIME (minutes)
XS/XS(+) MODEL				
RS4021XS+ (16 bay)	146	DUAL	PSDR800	15
			PSCRT1100	40
			PSCRT2000	90
			PSCERT1000	60
			PSCERT2000SB	90
			PSCERT2000	130
RS3621xs+ (12 bay) RS621RPxs (12 bay) RS3618xs (12 bay)	143 140 143	DUAL	PSDR800	15
			PSCRT1100	40
			PSCRT2000	90
			PSCERT1000	60
			PSCERT2000SB	90
			PSCERT2000	130
RS1619xs (4 bay)	69	DUAL	PSDR800	52
			PSCRT1100	119
			PSCRT2000	267
			PSCERT1000	190
			PSCERT2000SB	267
			PSCERT2000	460
PLUS (+) MODEL (Rack Mount)				
RS2821RP+ (16 bay) RS2421RP+ (12 bay)	146 140	DUAL	PSDR800	15
			PSCRT1100	40
			PSCRT2000	90
			PSCERT1000	60
			PSCERT2000SB	90
			PSCERT2000	130
RS1221RP+ (8 bay) RS820RP+ (4 bay)	62 39	DUAL	PSDR800	52
			PSCRT1100	119
			PSCRT2000	267
			PSCERT1000	190
			PSCERT2000SB	267
			PSCERT2000	460
VALUE MODEL (Rack Mount)				
RS819 (4 bay)	28	SINGLE	PSDR800	52
			PSCRT1100	119
			PSCRT2000	267
			PSCERT1000	190
			PSCERT2000SB	267
			PSCERT2000	460

Use This Guide To Select The Correct PowerShield Rack Mount UPS for Your Synology Solution:
Simply choose your Synology Rack Mount product and the Battery Run Time you desire to determine the best Rack Mount UPS model. **The PSCERT2000SB (Centurion RT Short Base 2000VA), for example, would run on battery for 42 minutes with the FS3600 24 Bay Desktop model.**

SYNOLOGY MODEL (RACKMOUNT)	ACTUAL RUNNING LOAD IN WATTS	INPUT POWER SUPPLIES SINGLE /DUAL	UPS MODEL	BATTERY RUN TIME (minutes)
FS MODEL (Rack Mount)				
FS6400 (24 bay)	28	DUAL	PSDR800	6
			PSCRT1100	18
			PSCRT2000	45
			PSCERT1000	29
			PSCERT2000SB	45
			PSCERT2000	67
FS3600 (24 bay)	25	DUAL	PSDR800	3
			PSCRT1100	16
			PSCRT2000	42
			PSCERT1000	26
			PSCERT2000SB	42
			PSCERT2000	65
FS3400 (24 bay)	31	DUAL	PSDR800	6
			PSCRT1100	18
			PSCRT2000	45
			PSCERT1000	29
			PSCERT2000SB	45
			PSCERT2000	67
SA/UC MODEL (Rack Mount)				
SA3200D (12 bay) UC3200 (12 bay)	417 417	DUAL	PSDR800	3
			PSCRT1100	12
			PSCRT2000	28
			PSCERT1000	19
			PSCERT2000SB	28
			PSCERT2000	48
SA3600 (12 bay)	156	DUAL	PSDR800	13
			PSCRT1100	35
			PSCRT2000	81
			PSCERT1000	42
			PSCERT2000SB	81
			PSCERT2000	119
SA3400 (12 bay)	137	DUAL	PSDR800	15
			PSCRT1100	38
			PSCRT2000	84
			PSCERT1000	45
			PSCERT2000SB	84
			PSCERT2000	122

Defender Rack Mount 800 VA PSDR800

The **Defender Rackmount** expands the successful Defender Range by building the popular features into a Rack Mount UPS. At 230mm deep, this is the perfect UPS for shallow, wall mounted Comms cabinets.

LINE INTERACTIVE
ENHANCED PROTECTION

Commander RT
1100VA | 2000VA PSCRT1100, PSCRT2000

The Line Interactive, Pure Sine Wave **Commander Rackmount/Tower UPS** offers power protection for applications such as networking, telecom, security and motors. To provide longer backup time the 2kVA and 3kVA models are expandable to include an additional battery bank.

- Best in its class surge protection
- Rack/Tower design
- Built-in buck and boost AVR
- Output power factor 0.8
- HID Communication via USB
- NetGuard® software communication via USB
- Programmable power management outlets (Aus & IEC)
- Advanced ECO operation mode
- EPO Emergency Power Off Function
- User replaceable hot swappable batteries
- SNMP, AS400, ModBus, Comms cards available

LINE INTERACTIVE
ENHANCED PROTECTION

Centurion RT 1000VA | 2000VA
PSCERT1000, PSCERT2000SB, PSCERT2000

The **Centurion RT** features True Online Double Conversion. As our highest single phase power density UPS, this sophisticated range will provide the most comprehensive protection for mission critical devices such as sensitive networks, computers, servers, telecom applications, as well as industrial applications.
A short base model is also available in 2000VA and is perfect for comms racks with its shorter depth.

Standard Extra Large Charger
The Centurion RT has been designed with a larger charger than other UPSs, ensuring rapid recharge times when adding additional battery banks.

TRUE ONLINE
PREMIUM PROTECTION

Simply Add Additional Battery Banks to Increase Backup Time