

# UPS

## Selection Guide

# ATLAS GENTECH

DATA COMMUNICATIONS SECURITY













### 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](http://powershield.com.au)



This selection guide is designed to select the optimum PowerShield Uninterruptible Power Supply for your chosen security products.

SERIES/PRODUCT	DESCRIPTION/ LOAD ITEMS	TOTAL LOAD (WATTS)	SafeGuard 750 750VA/450W (USPG750)	Defender 650 650VA / 390W (UPSD650)	Defender 1200 1200VA / 720W (UPSD1200)	Defender RM 800VA / 480W (PSDR800)	Commander RT 2000VA/1600W (PSCRT2000)	Centurion RT 2000VA/1800W (PSCERT2000)	Centurion RT 2000VA/1800W + 1 PSRTBB12 Battery Bank (PSCERT2000)	Centurion RT 2000VA/1800W + 2 PSRTBB12 Battery Banks (PSCERT2000)
<b>HIKVISION®</b>			<b>UPS BATTERY RUNTIME IN MINUTES</b>							
 4 Channel NVR SKU: 70004KIT	Hikvision 4 Channel Kit - Includes 4CH NVR recorder with 4x 6MP IP Turret Camera	65	55	55	119	55	269	>300	>300	>300
 8 Channel NVR SKU: 70008KIT	Hikvision 8 Channel Starter Kit - Includes 8CH NVR recorder with 4x 6MP IP Turret Camera	180	15	15	39	15	90	133	>300	>300
 16 Channel NVR SKU: 70009KIT	Hikvision 16 Channel 6MP Kit - Includes 16 Channel NVR and 6 x 6MP Turret Cameras	300	7	7	19	7	48	77	261	>300
 32 Channel NVR SKU: 73441-4K	Hik DS-7732NI-I4/24P 32Channel 24POE NVR with 6TB	300	7	7	19	7	48	77	261	>300
 Hikvision NVR SKU:73445	Hik DS-96256NI-I24 256 channel NVR 80TB HDD	140	20	20	51	20	113	xx	>300	>300
 Hikvision Server SKU: 73020-32	Hik Central-VSS Base with 32 Channels and DELL PC i3-8100 Windows 10 IoT Ent	300	7	7	19	7	48	77	261	>300
<b>Hanwha</b>			<b>UPS BATTERY RUNTIME IN MINUTES</b>							
 4 Channel NVR SKU:HAN-QRN-420S	Hanwha Wisenet Q 4ch POE 4K NVR 40Mbps 1 SATA 3TB	47	84	84	173	84	>300	>300	>300	>300
 8 Channel NVR SKU: HAN-QRN-820S	Hanwha Wisenet Q 8ch POE 4K NVR 80Mbps 1 SATA 3TB	77	47	47	105	47	221	>300	>300	>300
 16 Channel NVR SKU: HAN-QRN-1620S	Hanwha Wisenet Q 16ch POE 4K NVR 128Mbps 2 SATA 3TB	159	18	18	46	18	102	>300	>300	>300
 32 Channel NVR SKU: HAN-XRN-3210B4	Wisenet AI 32 CH NVR 400Mbps RAID 16 SATA 16TB HDD	265	9	9	22	9	54	92	298	>300

Loads calculated at 0.7 power factor. Computations in minutes calculated under optimal conditions. Factors such as temperature and amount of discharges may influence backup times.

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

Simply choose a product in the left column and the Battery Run Time you desire to determine the best UPS model.

**The USPG750 (SafeGuard 750), for example, would run on battery for 55 minutes with the Hikvision 4 Channel NVR (70004KIT).**

### SafeGuard UPS 750 VA

[USPG750](#)

The **Dynamix SafeGuard UPS** is a popular UPS choice as it provides automatic voltage regulation (AVR), surge protection and high reliability in a compact package. Available now in 750VA and 1000VA models the surge ratings on these versatile UPSs are as robust as most surge boards.

- Best in its class surge protection
- Light-weight, compact and elegantly designed
- HID Communication via USB
- NetGuard® software communication via USB
- User replaceable battery
- Wall mountable
- Fast charging
- Automatic Voltage Regulation (AVR)
- SafeGuard 1000 features USB charging port

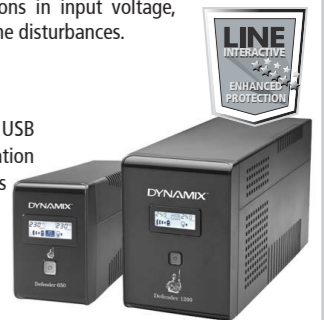


### Defender 650 | 1200 VA

[UPSD650](#), [UPSD1200](#)

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

- 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.



### Defender Rackmount 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.





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<b>milestone</b>										
<b>UPS BATTERY RUNTIME IN MINUTES</b>										
Milestone Server SKU: MS-HE150D-16TB	Milestone Husky 150D Desktop Win10 16TB 20 ch 150 Mbit/s	300	7	7	19	7	48	77	261	>300
Milestone Server SKU: MS-HE350R-24TB	Milestone Husky 350R Rack Mount Win10 24TB 50 ch 360 Mbit/s	550	8	Overload	8	8	21	38	129	233
Milestone Server SKU: MS-HE700R-48TB	Milestone Husky 700R Rack Mount Win10 48TB 100 ch 720 Mbit/s	350	5	5	16	5	41	59	218	>300
Milestone Server SKU: MS-HE1000R-64TB	Milestone Husky 1000R Rack Mount Ws 19 64TB 150 ch 1080Mbits	750	Overload	Overload	Overload	Overload	15	24	98	164
<b>Northern</b>										
<b>UPS BATTERY RUNTIME IN MINUTES</b>										
Northern Server SKU: NOR-WS1-CUBE	NOR Workstation MiniCube - i5 8GB 256GB SSD Win 10 Pro	200	14	14	33	14	77	117	>300	>300
Northern Server SKU: NOR-SRV2-4BAY	Northern Server - 2RU 4 Bay i5 8GB 250GB SSD Win 10 Pro	250	10	10	24	10	56	98	>300	>300
Northern Server SKU: NOR-SRV1-8BAY	Northern Server - 2RU 8 Bay i5 8GB 250GB SSD Win 10 Pro	300	7	7	19	7	48	77	261	>300
Northern Server SKU: NOR-SRV3-4BAY	Northern Server - 2RU 4 Bay i7 16GB 500GB SSD Win 10 Pro	250	10	10	24	10	56	98	>300	>300

Loads calculated at 0.7 power factor. Computations in minutes calculated under optimal conditions. Factors such as temperature and amount of discharges may influence backup times.

## Commander RT 1100VA | 2000 VA

[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



## Centurion RT 2000VA

[PSCERT2000](#), [PSRTBB12](#)

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.

Simply Add Additional Battery Banks to Increase Backup Time

