

SUB-U PSU/UPS - EC

Power Supply Unit/Uninterruptible Power Supply Executive Communications

The **SUB-U Systems Power Supply Unit/Uninterruptible Power Supply** is part of the SUB-U Executive Communications product family,

providing regulated, filtered, and isolated 24 volts DC to up to 4 devices. The SUB-U PSU/UPS EC supports wide range dirty AC (85-264VAC, 50/60Hz) and dirty DC power (9-32 VDC) input capability, and provides up to 150watts at 24VDC continuous across 4 filtered power outputs. The SUB-U PSU/UPS EC



contains a integral lithium ion batteries (eight user servable 16340 lithium ion batteries) as its primary back up battery power source in the event AC or DC main power is lost. In the event greater battery runtime is required, the SUB-U PSU/UPS EC has the unique ability to interface to an external rechargeable battery pack (temporarily discontinuing the use of its internal batteries) to provide more battery capacity as an alternative to its internal batteries. Military customers can use the tried-and-true 2590 or twist lock radio batteries via a cable, and commercial customers may choose to use alternative battery technologies. The SUB-U PSU/UPS EC is fully field programable, meaning users can change the output voltage to 12 or 24 VDC, and may also change the type of battery chemistry (Li-Ion, Li-Po, LIFEP04, Lead Acid) being used and the rate in which the device charges. Despite its flexibility, the SUB-U PSU/UPS EC is designed to work out of the box as a plug and play power supply and UPS solution.

- ◀ Wide Range Dirty AC input, AC - 85-264VAC, 50/60Hz
- ◀ Wide Range Dirty DC input, DC 9-32 VDC
- ◀ Built in rechargeable Li-Ion, user field serviceable, 16340 batteries
- ◀ Supports optional external auxiliary batteries in the event greater runtime is needed
- ◀ (4) - 12 or 24 VDC outputs, up to 150 watts total output
- ◀ Small and pocket sized, 1" tall, by 5" wide, by 7.5" deep
- ◀ Pairs perfectly with other SUB-U EC products

The SUB-U PSU/UPS EC is part of SUB-U's new Executive Communications product portfolio, which has been designed by SUB-U from the printed circuit board up to meet the demands of military, government, and other industries that require robust, high performance IP networking and IT functionality in the most austere of locations. For customers who need to communicate wherever and whenever, there has never been a product family as small, durable, flexible and scalable as the SUB-U EC products. SUB-U's EC products include the SUB-U Software Definable Networking - Appliance™ (SDN-A™) EC, the SUB-U Cisco ESR6300 Router EC, the SUB-U Cisco ESS3300 Ethernet Switch EC, the SUB-U PSU/UPS EC, the SUB-U Cradlepoint IBR-900 EC and several additional EC products; to include: RoIP technologies, video encoders/transcoders, high performance compute in support of AI/ML applications, and a designed from scratch chassis system. Give us a call or reach out to us via the web at Sales@SUB-U.com for more information or to request a demonstration.



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Sub U Systems' Executive Communications (EC) family of devices usher in the next generation of small, rugged, scalable tactical edge of network use IP networking and computing solutions. The SUB-U EC devices have been designed from scratch, from the printed circuit board up, and engineered with over a thirteen years of customer input and requirements collection. Whereas other companies may produce perceived comparable solutions, only SUB-U's EC devices have been designed in modern times, in modern appliance form factors, using state of the art electrical engineering design tools and methodologies. The SUB-U EC products are on the leading edge of what is possible in the deployable communications electronics market. They are smaller, lower power, higher performing, more rugged, easier to use, easier to transport, more flexible in how they can be packaged or kitted, and the most scalable deployable communications in the market today. Instead of settling for the rest of what the market offers, insist on the best of what exists for your tactical edge of network deployable secure communications and computing needs.

SUB-U Executive Communications (EC) devices offered are:

- ◀ Software Definable Networking – Appliances™
- ◀ Cisco Ethernet switches
- ◀ Juniper SD-WAN solutions
- ◀ Power supply/uninterruptable power supplies
- ◀ High performance compute (Xeon D and C3000)
- ◀ Low power/high CPU core NVIDIA based appliances for AI and machine learning applications
- ◀ More EC devices will be coming in 2022
- ◀ Cisco routers & VPN gateways
- ◀ Aruba Mobility controllers
- ◀ Haivision video transcoders
- ◀ Radio over IP appliances
- ◀ Cellular/wireless routers

Contact SUB-U for the next generation of military grade communications products and solutions at Info@SUB-U.com.

