



AEROSPACE™

C-130 CLEAN POWER UPGRADE PACKAGE

- MILITARY GRADE POWER QUALITY DESIGNED AND TESTED TO SUPPORT MILITARY AND MISSION CRITICAL OPERATORS.
- REDUCES WEIGHT AND SIZE BY UP TO 22%.
- PROVIDES INDUSTRY LEADING RIPPLE VOLTAGE ATTENUATION, VOLTAGE REGULATION AND SHOCK LOAD RESPONSE.
- ELIMINATES CATASTROPHIC TRANSIENT VOLTAGE SPIKES.
- PROVIDES FOR CONTINUOUS & UNINTERRUPTIBLE DC POWER.
- UPGRADE PACKAGE CONTAINS:
 - (1) 28VS240Y-34 240A PASSIVELY CONTROLLED TRANSFORMER RECTIFIER UNIT (PCTRU)
 - (1) 28VUPS29F UNINTERRUPTIBLE POWER SUPPLY (UPS)



SPARK ★ IGNITE ★ EXCITE

Champion Aerospace, LLC | 1230 Old Norris Road | Liberty, SC 29657

Clean Power Upgrade Package

Designed to replace the existing 28VS200C-1 TRU and add the UPS, the clean power upgrade allows operators to take advantage of a 7.7 lb. reduction in weight per TRU while gaining significantly cleaner power and DC bus hold up.

Model #	NSN	Output (amps)	Cooled	Ripple (Vp-p)	Length (in)	Width (in)	Height (in)	Weight (lbs)
28VS200C-1	6130-00-081-7844	200	Convection	2.00	15.00	11.00	5.50	34.50
28VS240Y-34	5895-01-592-4633	240	Fan	0.45	11.30	6.06	6.50	19.80
28VUPS29F	5895-01-592-4634	N/A	N/A	N/A	13.55	4.15	4.15	7.00

If you do not utilize the **28vs200c-1** we can provide a custom report comparing your TRU to the clean power upgrade package relative to specs, weight and size.

TRU Replacement

For operators desiring to reduce as much weight as possible while gaining PCTRU technology and do not need continuous DC power, Champion Aerospace recommends replacement of the 28VS200C-1 with the 28VS240Y-34. For each TRU replacement, operators can recognize a **14.7** pound reduction in weight.

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28VS200C-1	6130-00-081-7844	200	Convection	2.00	15.00	11.00	5.50	34.50
28VS240Y-34	5895-01-592-4633	240	Fan	0.45	11.30	6.06	6.50	19.80

UPS Addition

If the current TRU is providing adequate power, but the operator desires to eliminate transient voltage spikes and provide continuous, uninterrupted DC power, Champion Aerospace recommends installing one 28VUPS29FSPD per TRU.

Model #	NSN	Output (amps)	Cooled	Ripple (Vp-p)	Length (in)	Width (in)	Height (in)	Weight (lbs)
28VUPS29FSPD	5895-01-592-4634	N/A	N/A	N/A	13.55	4.15	4.15	7.00

For additional technical information or questions, please contact us at PowerSupport@ChampAero.com.



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