



# CLEAN POWER UPGRADE PACKAGE BY CHAMPION AEROSPACE

Champion's clean power upgrade package for C130 aircraft offers military grade power quality designed and tested to support military and mission critical operators.

## 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 (V <sub>p-p</sub> )	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 28VS240Y34. For each TRU replacement, operators can recognize a 14.7 pound reduction in weight.

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## 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.

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**AEROSPACE™**

- 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)



## QUALIFIED & APPROVED

ISO 9001 2015  
AS9120 2016  
TRACE CERTIFIED  
FAA # 9S3R896B  
EASA #1455 6559  
CAGE CODE 4GPC1 / 59364