

Performance Proven Aviation

POWER SOLUTIONS



Champion Aerospace is a leading global designer and vertically - integrated producer of aircraft ignition system technology and power solutions for use on nearly all military aircraft.

AllClear is Champion Aerospace's exclusive aftermarket stocking distributor to the international military market for ignition components in engines and APUs. AllClear is also the premier supplier of TRUs & UPSs power solutions.

POWERING THE SKIES AND EXCEEDING MILITARY STANDARDS

TRANSFORMER RECTIFIER UNIT



Passively controlled voltage regulation eliminates failure modes inherent to regulated converters

Transient voltage surge protection

High efficiency and power factor

Industry leading shock load response

UNINTERRUPTIBLE POWER SUPPLY



Eliminates power loss due to bus transfers

Protects against catastrophic transient voltage spikes

Continuous, stabilized power during load induced voltage sags

UPS is compatible with any TRU

F-16 | F-18 | F-15 | C-17 | CH-47 | C-130

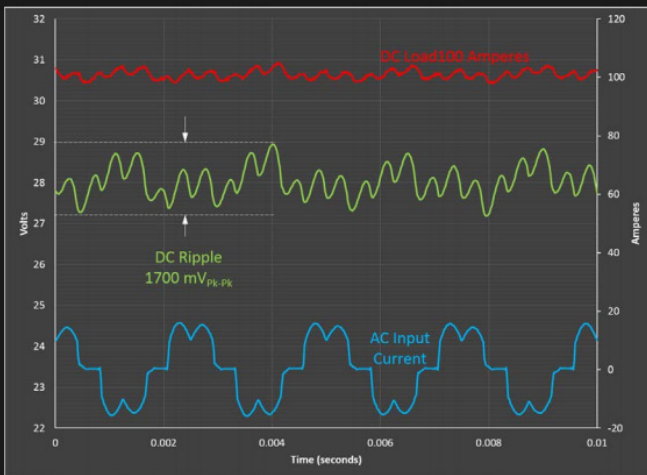
CUSTOM SOLUTIONS FOR ANY AIRCRAFT

CAGE CODE **OAFL4**

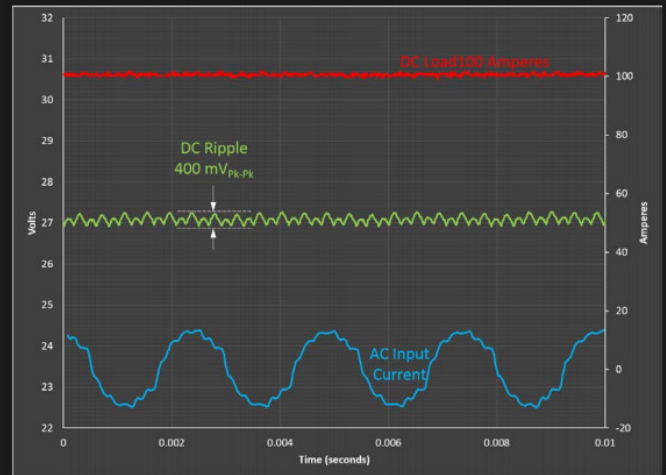
Benefits

- Proven, Reliable, Field Tested Equipment (Hundreds of Thousands of Flight Hours)
- MTBFs on TRUs in excess of 100K+ Hours
- Technical Expertise and On-Wing Support
- Flexible and Fast Moving
- Innovative Power Solution Expertise i.e. UPS (No other system like it in the market place)

Competitor's Regulated TRU



Champion's PCTRU



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28 VDC Ampere Rating	Part Number	Type	Platform
120	28VS120Y-7	Passively Controlled	B2
240	28VS240Y-34	Passively Controlled	C130
300	28VS300Y-35	Passively Controlled	C130
240	28VS240Y-31	Unregulated	CH47
200	28VS200Y-4D	Unregulated	DASH8
120	28VS120Y-5	Unregulated	EA6B
50	28VS50Y-12	Unregulated	F/A-18
120	28VS120Y-1	Unregulated	F104
120	28VS120Y-2	Unregulated	F104
240	28VS240Y-36	Passively Controlled	RC135
50	28VS50Y-30/31	Passively Controlled	RC135/CH53K
100	28VS100Y-10C	Unregulated	S3
120	28VS120Y-3	Unregulated	
200	28VS200Y-32	Unregulated	
240	28VS240Y-33	Passively Controlled	