



New Condensed Modules Feature Short Chassis and Fold-Away Handle



Standard front panel version and the new louvered panel with pull down handle. They're just 11.0" long!

Power Modules: ZEUS is a family of cost effective, feature-rich modular supplies and power systems. The 500-600W modules provide up to five outputs in 1U and offer vertical mounting options for 3U applications. Their multi-layer, mixed mode PCB designs enable optimal solutions for...

Shelf Systems: TDI offers shelf systems including 1U, three

- Disk Arrays
- Computing
- Industrial Control
- Storage Networking
- Directors
- Remote Power
- Telco Switches
- Base Stations
- Archival Storage

across shelves and 3U, nine across shelves. Populate them with combinations of AC & DC input modules. Power backplanes are also available as separate products.

Flexibility: N+1 power applications often require unique solutions, and these products were designed for flexibility. TDI's global design, manufacturing, integration and service resources are ready to assist.

Features

- Internal Diode Isolation
- Redundant Operation
- Active Current Share V1, V2, V3
- Hot Swappable
- Efficiency up to 85%*
- Multiple Cooling Options
- Fans, Blower, Reversed Airflow
- Over 250,000 Hours MTBF
- Two-Year Warranty

Input Options:

AC: 90-265V, 47-63Hz, single Ø
EN61000-3-2 Compliant
Power Factor 0.98 typical
Hold-up: 20mS
minimum full load
DC: 40-72V
Contact factory for 24V input

Protection:

Over-voltage, V1-3
Over-current foldback
Over-temperature
Input Over-current
Input Over-voltage
Reverse Sense

Output:

600W Single output
Standard -48V, 24V, (12V**)
500W Multi-output
Standard 3.3, 5, 12, -12, 5Vaux
All outputs fully regulated
No minimum load **

Alarms:

AC Fail
Over-temperature
Output Low
Optoisolator*
LEDs: Power Good, AC Fail

Complete product spec sheets available upon request

Control:

Remote Inhibit
Remote Enable
Remote Sense V1-3

100% HASS conditioning on
all ZEUS modules

Contact factory for application notes on
minimum loading, combined output power
limits, temperature derating curve.

* Single output versions
** Available

Select a standard version or create your own:

Standard Multiple Output Versions...

Model Numbers	Input	V1	V2	V3	V4	V5	Power	Link to Spec
ZC551A-05331212	90-265VAC	5 @ 45A	3.3 @ 45	12 @ 10	-12 @ 2.5	5VAux @ 500mA	500W	www.tdipower.com/zeus/zues_500w.pdf
ZC551D-05331212	40-72VDC	5 @ 45A	3.3 @ 45	12 @ 10	-12 @ 2.5	5Vaux @ 500mA	500W	www.tdipower.com/zeus/z_500wdc.pdf

Contact factory for top down cooling version.

Standard Single Output Versions...

Models	Input	V1	Power	Link to Spec
ZC611A-48-*	90-265VAC	-48 @ 12.5A	600W	www.tdipower.com/zeus/z_600w48v.pdf
ZC611A-24	90-265VAC	+24 @ 25A	600W	www.tdipower.com/zeus/z_600w.pdf
ZC611A-12 (coming)	90-265VAC	+12 @ 50A	600W	www.tdipower.com/tba.pdf

Contact factory for top down cooling version.

* ZC611A-48-1 factory set to -54VDC, ZC611A-48-2 factory set to -48VDC

On-line viewers: Click on the links to individual spec sheets in PDF.

User-Specified Versions:

ZEUS products can be tailored to meet your needs for low and high volume applications. Pick from the following options.

Input Options:

90-264VAC

40-72VDC

Contact factory for 24 volt input

Multi-output Capability:

V1: 2.5 to 15VDC, 55A, 225 Watts

V2: 2.5 to 15VDC, 45A, 150 Watts

V3: 2.5 to 15VDC, 10A, 120 Watts

V4: -12 VDC, 2.5A, 30 Watts

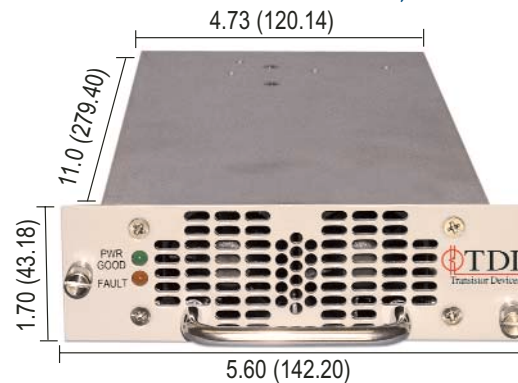
V5: 5V auxiliary @ 500 mA

Total Power: Up to 500 watts combined

Single Output Capability:

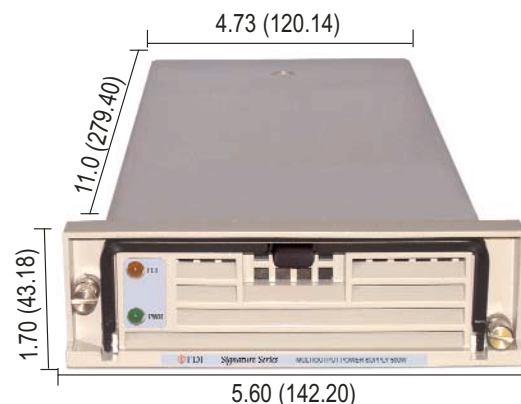
(+/-)1-48 VDC, 50A: 600 Watts

Fixed Handle Versions, 'ZC'



*Front panel protrusion 1.13 (28.58)

Signature Series Front Panel, 'ZCS'



*Front panel protrusion 0.65 (16.51)

New Signature series front panel featuring fold out handle with drip-proof vents.

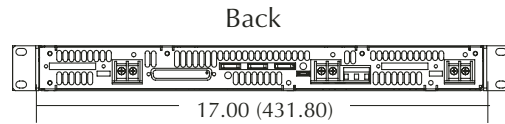
These shelf systems provide many options. Select the module needed and a 1U or 3U system. Choose from the following standard features. Note that some are mutually exclusive with others...

Options:

Single, 20A IEC Connector	DC Input Modules	AC Line Cords	User Logos
Three, 15A IEC Connectors	AC & DC Input Modules	Mounting Kits for 23"	Top Air Inlet
Single Terminal Block	Outputs in Parallel	Brackets Front or	Front Air Inlet
Three Terminal Blocks	Outputs Individual	Mid-mounting	
AC Input Modules	Blank Filler Panels	Custom Finish	

1U Shelf for 1-3 Modules

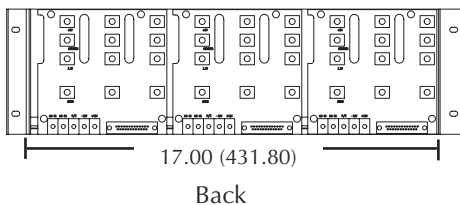
1U shelves host up to three modules power sharing up to 1800 watts, 1200 watts redundant.



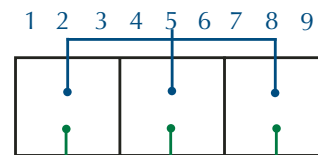
Version Shown: Three input Terminal blocks, parallel outputs

3U Shelf for 1-9 Modules

Populate the system for up to 4kW with redundancy. The power backplane is a system of three islands - each can host three AC or DC input modules. The outputs for up to nine modules can be bussed for power sharing. Contact TDI about options for built-in Nickel Metal Hydride battery back-up and automatic input line transfer switching - this is **TDI's Exclusive Power Guardian technology**.



Modules in Parallel



Output Group #:



Individual Module #:



Input: AC and DC Shelf Versions

- Output:**
- (A) All Outputs in Parallel
 - (B) 3 groups of 3 Modules in parallel
 - (C) All Modules Independent Combinations

Contact factory for help in tailoring a shelf system and to receive detailed outline drawings.

For Technical Information Call

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