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Data Sheet

July 29, 2026

TET ELECTRONICS

TET electronics Hercules 60V-42A DC -Power-supply

The TET electronics Hercules 60V-42A is a high-power DC supply engineered for demanding electronic projects and industrial applications requiring stable, high-current output. Delivering 60V at 42A, this unit has approximately 2520W of power and is built for sustained performance in rigorous operational environments. Key Features The supply delivers stable DC output suitable for high-current demand applications. Construction emphasizes durability and longevity in extended operational use. Compatibility & Integration The Hercules 60V-42A supports a wide range of applications where regulated, high-power DC output is essential. Output connectivity is configured for high-current delivery, making it suitable for direct integration into industrial and laboratory test systems. Aumictech offers NIST-traceable calibration and repair for the TET electronics Hercules 60V-42A. All calibrations are



MODEL

**TET electronics
Hercules 60V-42A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

Hercules 60V-42A

LISTING

<https://aumictechlabs.com/products/hercules-60v-42a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The TET electronics Hercules 60V-42A is a high-power DC supply engineered for demanding electronic projects and industrial applications requiring stable, high-current output. Delivering 60V at 42A, this unit has approximately 2520W of power and is built for sustained performance in

rigorous operational environments. Technical Specifications Output Voltage: 60V Output Current: 42A Output Power: 2520W (60V × 42A) Manufacturer: TET electronics Model: Hercules 60V-42A Key Features The supply delivers stable DC output suitable for high-current demand applications. Construction emphasizes durability and longevity in extended operational use. Typical Applications High-current electronic test and development Industrial power systems requiring sustained DC delivery Projects with demanding voltage and current requirements Laboratory and manufacturing environments Compatibility & Integration The Hercules 60V-42A supports a wide range of applications where regulated, high-power DC output is essential. Output connectivity is configured for high-current delivery, making it suitable for direct integration into industrial and laboratory test systems.

HERCULES60V42A Characteristics / Specifications

PARAMETER	VALUE
Voltage relations of V	V1 or current relations of C1:C2 are possible until 1:2,5 Series or parallel operation, master slave operation is possible. . Call for other configurations, like other U/I-combinations █ Power output in according to nominal values █ █ High power switch mode AC to DC power supplies █ Constant Current Mode / Constant Voltage Mode with automatic crossover █ Voltage, current, OVP (over-voltage protection) continuously adjustable from nearly 0 to maximum via - Front panel controls (ten turn) - Remote
Temperature coefficient	0,01% V max. /°C (0-50°C) Remote sensing: Max. line drop 1V or 1% ofVmax. / output line █ Constant Current Mode (CC) Current output range: █ 100mA to full output current, 10 turn potentiometer Line regulation: 0,01% (█ 10% line change) Load regulation: 0,1% (100% load change) Temperature coefficient: 0,01% C max.
Output	Floating, insulated up to 500V DC atVmax. █ 350V, above insulated up to 1,5V max.
Input voltage	230V AC █ 10%, 47..65Hz 115V AC █ 10% / 3 phase (Option) Input current: appr. 18A at 230V and full load soft start
Remote	Remote ON/OFF-control input 5-15V Programming: 0-10V for voltage and current, 0-12V OVP, resistance programming possible Storage temperature: -20..+70°C Operating temperature: 0..+50°C, without derating Metering: Analog meters for voltage and current, meters accuracy █ 2,5% Cooling: fan 2-steps, temperature controlled speed Mechanical: HxWxD: 132 × 443 × 480 (mm), without frontpanel components, with connectors an back panel
Wight	appr. 32kg Opt. 07 3 × 200V AC Input voltage Opt. 34 IEEE-488 Listener-Talker-Interface Opt. 51 Analog meters Back view HERCULES-2500 Autoranging Features Specifications Other details Options
Storage temperature	20..+70°C Operating temperature: 0..+50°C, without derating Metering: Analog meters for voltage and current, meters accuracy █ 2,5% Cooling: fan 2-steps, temperature controlled speed Mechanical: HxWxD: 132 × 443 × 480 (mm), without frontpanel compone
Operating temperature	0..+50°C, without derating Metering: Analog meters for voltage and current, meters accuracy █ 2,5% Cooling: fan 2-steps, temperature controlled speed Mechanical: HxWxD: 132 × 443 × 480 (mm), without frontpanel components, with connectors an back pane

HERCULES60V42A Specifications

PARAMETER	VALUE
with nominal voltage V2 and with nominal current C1.	Voltage relations of V2:V1 or current relations of C1:C2 are
rms	, 150mV
max.	/°C (0-50°C)
at V	max.
soft start	Remote: Remote ON/OFF-control input 5-15V
resistance programming possible	Storage temperature: -20..+70°C
Opt. 51 Analog meters	Back view

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	20..+70°C Operating temperature: 0..+50°C, without derating Metering: Analog meters for voltage and current, meters accuracy ± 2,5% Cooling: fan 2-steps, temperature controlled speed Mechanical: HxWxD
Operating temperature	0..+50°C, without derating Metering: Analog meters for voltage and current, meters accuracy ± 2,5% Cooling: fan 2-steps, temperature controlled speed Mechanical: HxWxD: 132 × 443 × 480 (mm), without f
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Wight	appr. 32kg Opt. 07 3 × 200V AC Input voltage Opt. 34 IEEE-488 Listener-Talker-Interface Opt. 51 Analog meters Back view HERCULES-2500 Autoranging Features Specifications Other details Options

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet (https://tet.industrietalpine.de/material/datasheet/en/HERCULES_AUT_DATA_en.pdf). Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications Other details Options	
Specifications	
PARAMETER	VALUE
Line regulation	0,01% (□ 10% line change)
Load regulation	0,1% (100% load change)
Temperature coefficient	0,01% C
max.	/°C (0-50°C)

Unit photos



Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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