

Products & Solutions

Quality

Flexibility



Superior Technology

TETelectronics has been market leading producer of High Precision Power Supplies and solutions thereof. TET evolved out of the Munich Power Factory Systron Donner, a subsidiary of the international Thorn Emi Technology Group.

TETelectronics has always been committed to Total Quality Management. Certification of the company by DIN EN ISO 9001:2008, **Germanischer Lloyd SE**, the registered document number QS-4713 HH, confirms it officially: In all areas of business and at all locations we do work according to our Quality Management System. That is how we guarantee our customers the maximum quality standard of **TET** products and **TET** service.

TETelectronics Quality

The permanent evolvement and innovation of our programmable high-performance system and laboratory power supplies and electronic loads happens in cooperation with universities and through our employees, based on the most recent Tools and Leading Edge Technology.

TETelectronics Seal Approval

Our customers can absolutely rely on the power and quality of our equipment and systems. That is the reason one will find **TET** products and **TET** systems all over the world when precision, stability, long-term application, long-term performance, constant current and high voltage is asked for.



TETelectronics Flexibility

TET customizing is not only a phrase but our daily customer service.

We are specialized in developing electronic power supplies according to the customer's specifications in a way which is technically and economical optimal. Since we have been developing our units a hundred fold in customer specified models we are happy to develop the power supply fitting your needs.

TETelectronics Help Desk

Use our free experts' advice!

Due to our experience with highly stable power supplies for decades our experts would be pleased to advise you to find the most made-to-measure unit for your application. We are looking forward to your inquiry.

TETelectronics Warranty

All our equipment is produced from high standard material with the highest technical precision. Because of the confidence in our own production we offer a two year warranty.

TETelectronics service guarantee

The long life of **TET** power supplies is a worldwide known fact. Our German as well as our international customers benefit from the **TET** service guarantee even after many years: We will provide you with spare parts for more than 10 years!

TETelectronics Express-Service

We offer a three day repair service including transport at an additional express fee.

Products

TET power supplies

- DC power supplies
- AC power supplies
- Uninterruptible Power Supplies UPS
- Inverters
- Frequency converter
- DC-AC converter
- AC-DC converter
- DC-DC converter
- High voltage module

TET electronic loads

- AC Loads
- DC Loads

Solutions

For the fields automotive, research, development, air and space as well as for defence/military.

TET 19" multi-purpose rack

TET Vehicle power supply

TET Interface converter

TET power loading units


TET mobile battery pack


DC Power supplies



Primary pulsed high precision DC power supplies up to 5 KW and 1,000 Volt

Master-slave multi-unit operation up to 25kW and 600Volt/1,600 Ampere

Argos 0,5 kW-Series	U-Out (V _{DC})	I-Out (A _{DC})	Price [€]	Order
 <p>Each Watt a pleasure</p> <p>500W permanent output capacity</p> <p>Prices including digital display and RS232.</p> <p>Additional technical data: ARGOS 500</p>	8	63	1.960,00	Argos8-63
	15	25	1.926,00	Argos15-25
	20	25	1.835,00	Argos20-25
	30	17	1.835,00	Argos30-17
	40	13	1.835,00	Argos40-13
	60	8,5	1.835,00	Argos60-8,5
	100	5	1.835,00	Argos100-5
	160	3,5	1.890,00	Argos160-3,5
	200	2,5	1.900,00	Argos200-2,5
	250	2	1.900,00	Argos250-2
	300	1,75	1.930,00	Argos300-1,75
	350	1,5	1.930,00	Argos350-1,5
	500	1	1.964,00	Argos500-1
	1000	0,5	1.995,00	Argos1000-0,5
1200	0,4	1.995,00	Argos1200-0,4	


Argos 1,0 kW Series	U-OUT (V _{DC})	I-OUT (A _{DC})	Price [€]	Order
 <p>High precision and constant stability</p> <p>1000W constant output capacity</p> <p>Prices including digital display and RS232</p> <p>Additional technical data: ARGOS 1000</p>	8	125	2.510,00	Argos8-125
	15	70	2.395,00	Argos15-70
	20	50	2.395,00	Argos20-50
	30	35	2.395,00	Argos30-35
	40	25	2.395,00	Argos40-25
	60	18	2.395,00	Argos60-18
	100	10	2.395,00	Argos100-10
	160	6,5	2.440,00	Argos160-6,5
	200	5	2.465,00	Argos200-5
	250	4	2.465,00	Argos250-4
	300	3,5	2.490,00	Argos300-3,5
	350	3	2.490,00	Argos350-3
	500	2	2.550,00	Argos500-2
	1000	1	2.550,00	Argos1000-1
1200	0,8	2.550,00	Argos1200-0,8	


DC power supplies



Primary pulsed high precision DC-power supplies up to 5 kW and 1,200 V

Master-slave multi-unit operation up to 25kW and 600Volt/1,600 ampere

Argos 1,0 kW Series Autoranging	U1-Out (V _{DC}) I1-Out (A _{DC})	U2-Out (V _{DC}) I2-Out (A _{DC})	Price [€]	Order
 <p>Two Units in one: Saves time and costs</p> <p>1000W variable voltage and current range</p> <p>Prices including digital display and RS232</p> <p>Additional technical data: ARGOS 1000</p>	20/40	40/20	2.550,00	Argos20/40
	30/26	60/13	2.550,00	Argos30/26
	50/16	100/ 8	2.550,00	Argos50/16
	100/ 8	200/ 4	2.630,00	Argos100/8
	200/ 4	400/ 2	2.720,00	Argos200/4
	500/ 2	1000/1	2.720,00	Argos500/2


Argos 1,2 kW Serie	U-Out (V _{DC})	I-Out (A _{DC})	Price [€]	Order
 <p>1200 W constant output capacity</p> <p>Prices including digital display and RS232</p> <p>Additional technical data: ARGOS 1200</p>	30	40	2.420,00	Argos30-40
	40	30	2.420,00	Argos40-30
	60	20	2.420,00	Argos60-20
	100	12	2.420,00	Argos100-12
	160	7,5	2.470,00	Argos160-7,5
	200	6	2.490,00	Argos200-6
	250	4,8	2.490,00	Argos250-4,8
	300	4	2.510,00	Argos300-4
	350	3,4	2.510,00	Argos350-3,4
	500	2,4	2.570,00	Argos500-2,4
	1000	1,2	2.570,00	Argos1000-1,2
	1200	1	2.570,00	Argos1200-1


DC Power supplies



Primary pulsed high precision DC-power supplies up to 5 kW and 800 V

Master-slave multi-unit operation up to 25kW and 800Volt/1,600 Ampere

Hercules 2,5 kW Series	U-Out (V _{DC})	I-Out (A _{DC})	Price [€]	Order
 <p>Power package: Smart look</p> <p>2500 W constant output capacity</p> <p>Prices including digital display and RS232</p> <p>Additional technical data:: HERCULES 2500</p>	20	125	3.720,00	Hercules20-125
	30	83	3.720,00	Hercules30-83
	40	63	3.720,00	Hercules40-63
	60	42	3.720,00	Hercules60-42
	100	25	3.770,00	Hercules100-25
	250	10	3.810,00	Hercules250-10
	350	7	3.830,00	Hercules350-7
	450	5,5	3.830,00	Hercules450-5,5
	600	4	4.390,00	Hercules600-4
	800	3	4.390,00	Hercules800-3


Hercules 2,5 kW Autoranging Series	U1-Out (V _{DC}) I1-Out (A _{DC})	U2-Out (V _{DC}) I2-Out (A _{DC})	Price [€]	Order
 <p>Two Units in one:</p> <p>Saves time and costs</p> <p>2500W variable voltage and current range</p> <p>Prices including digital display and RS232</p> <p>Additional technical data: HERCULES 5000</p>	20 / 100	40 / 50	3.940,00	Hercules20-100
	30 / 60	60 / 30	3.940,00	Hercules30-60
	50 / 40	100 / 20	3.990,00	Hercules50-40
	100 / 20	200 / 10	4.020,00	Hercules100-20
	200 / 10	400 / 5	4.020,00	Hercules200-10
	400 / 5	800 / 2,5	4.620,00	Hercules400-5

DC Power supplies



Primary pulsed high precision DC-power supplies up to 5 kW and 800 V

Master-slave multi-unit operation up to 25kW and 800Volt/1,600 Ampere

Hercules 5,0 kW Serie	U-Out (V _{DC})	I-Out (A _{DC})	Price [€]	Order
 <p>The electronic High-Tech Precision power supply for highest standards.</p> <p>Additional technical data:: HERCULES 5000</p>	20	250	6.100,00	Hercules20-250
	30	167	6.100,00	Hercules30-167
	40	125	6.100,00	Hercules40-125
	60	84	6.100,00	Hercules60-84
	100	50	6.200,00	Hercules100-50
	250	20	6.280,00	Hercules250-20
	350	14	6.320,00	Hercules350-14
	450	11	6.995,00	Hercules450-11
	600	8	6.995,00	Hercules600-8
	800	6	6.995,00	Hercules800-6
Prices including digital display and RS232				

Options of primary pulsed DC power supplies of the Argos and Hercules series	Option	Price in Euro
Aktive PFC (Power Factor Correction) ARGOS	04	upon inquiry
Auto negotiation 115V or 230V ARGOS	06	upon inquiry
115 Volt Input	07	100,00
120/208 V(AC) +/-10% 3-Phase	09	130,00
Delayed current limit (up to 50% Overload)	11	upon inquiry
Analog gauges (but without RS232)	51	-130,00
Output on Front 10 A	80	upon inquiry
19" Kit for ARGOS (2 HE)	99	50,00
Master/Slave-Cable	66	25,00
IEEE 488.2 (incl. RS-232 Interface)	34	798,00
Internal serial box with curve-function	84	850,00
Case for ARGOS	98	289,00
LAN-Interface internal (ARGOS, HERCULES 2500)	LAN	390,00
LAN-Interface external (HERCULES 5000 and else one)	LAN(extern)	490,00
USB (industrial) incl. two meters cable	USB	74,00
Output scram ARGOS	7x	upon inquiry
Input HERCULES 3-Phase, 120/208 VAC ±10%	17	155,00

Structures and transport case



Various designs for every purpose

TET customizing

We offer for each of our operating units and for each situation on a suitable solution. Whether it is alternative jacks, various methods for the protective coating PCBs or individually configured trolley. Ask us. How can rapidly and efficiently together an offer.

Variations and modifications then flow easily into the production of our products. An example of custom configurations is the best suitcase for our ARGOS

Case ARGOS



Made of high quality plastic for safe transportation and shipping.

Perfect fit configured.

- Lockable
- Matching handle
- With space for accessories


On request with individual texts.


Price: 289,-

DC power supplies / linear AC-powersupplies



Linear controlled high precision and high performance DC-power supplies up to 6 kW and 350 volt


Hellas 0,2 kW Series	U-Out (V _{DC})	I-Out (A _{DC})	Price [€]	Order
 <p>For highest demands on linearity. Constantly in use</p> <p>Additional technical data: HELLAS 200</p>	12	15	upon inquiry	Hellas12-15
	20	10	upon inquiry	Hellas20-10
	40	5	upon inquiry	Hellas40-5
	70	3	upon inquiry	Hellas70-3
	160	1,3	upon inquiry	Hellas160-1,3

Atlas I 1,2 kW-Series	U-Out (V _{DC})	I-Out (A _{DC})	Price [€]	Order
 <p>High control accuracy, short settling time, very low ripple</p> <p>Prices including digital display and RS232</p> <p>Additional technical data: ATLAS 1200</p>	20	50	3.200,00	Atlas20-50
	30	40	3.200,00	Atlas30-40
	40	30	3.200,00	Atlas40-30
	60	20	3.390,00	Atlas60-20
	160	8	3.390,00	Atlas160-8

DC power supplies / linear power supplies



Linear controlled high precision and high performance DC-power supplies up to 6 kW and 350 Volt Master-slave operation up to 12 kW



Atlas II 2,0 kW-Series	U-Out (V _{DC})	I-Out (A _{DC})	Price [€]	Order
 <p>In laboratory and system application, when high performance, easy handling and precision are required, the Atlas series is the one to depend on.</p> <p>Additional technical data: ATLAS 2000</p>	20	70	4.420,00	Atlas20-70
	30	65	4.420,00	Atlas30-65
	40	50	4.420,00	Atlas40-50
	60	30	4.420,00	Atlas60-30
	160	13	4.750,00	Atlas160-13
				Prices including digital display and RS232

Options linear controlled Hellas, Atlas I and Atlas II series	Option	Price [€]
Input fixed for example: 115V 60Hz AC)	07	Upon inquiry
Analog gauge discount	51	- 130,00
19"-Rackmout Kit HELLAS	98	225,00
IEEE488/RS232 Interface	34	798,00
Internal serial box with curve-function	84	850,00

DC power supplies / linear power supplies



Linear controlled high precision and high performance DC-power supplies up to 6 kW and 350 volt Master-slave operation up to 12 kW

M5C to M14C 6 kW-Series	U-Out (V _{DC})	I-Out (A _{DC})	Price [€]	Orde
 <p>The MC-series can take almost anything: unrivalled heavy duty item</p> <p>Additional technical data M5C und M7C M8C und M14C</p>	15	50	upon inquiry	M5C15-50
	40	30	upon inquiry	M5C40-30
	60	20	upon inquiry	M5C60-20
	160	8	upon inquiry	M5C160-8
	350	1,5	upon inquiry	M5C360-1,5
	5	130	upon inquiry	M7C30-70
	8	100	upon inquiry	M7C8-100
	15	80	upon inquiry	M7C5-130
	30	70	upon inquiry	M7C15-80
	40	50	upon inquiry	M7C40-50
	60	30	upon inquiry	M7C60-30
	160	15	upon inquiry	M7C160-15
	8	180	upon inquiry	M8C8-180
	15	120	upon inquiry	M8C15-120
	40	65	upon inquiry	M8C40-65
	60	45	upon inquiry	M8C60-45
 <p>Current, almost like a battery</p> <p>M5C und M7C M8C und M14C</p>	8	300	upon inquiry	M14C8-300
	15	250	upon inquiry	M14C15-250
	30	200	upon inquiry	M14C30-200
	40	150	upon inquiry	M14C40-150
	60	100	upon inquiry	M14C60-100
Input M14C only with 3-Phase ~400V 50Hz				

Option: 115V AC-Input, delayed current scram, Transient-absorber, Einschaltstrombegrenzung, IEEE 488.2/RS-232 Interface upon inquiry

TET powerware industrial partnerships





Power Supplies up to 1000V und 1,6kW (with active PFC)

These units of the MS-Series are characterized by a high insulation strength of the output. Both poles can stay up to 1500V freely without ground connection or be connected to ground. Voltages remain in any case stable and constant.

Through active PFC, the input network is not affected with distortion. The efficiency has been optimized by using the latest components up to 94%.

Of course, our device is short circuit proof and is suitable for 19 "rack mount (11" depth) as well as a tabletop unit, with practical adjustable feet for angling.


For automatic control, an isolated analog connector with numerous functions is integrated. In addition, the device could be expanded with a digitals interface with GPIB and RS232


MS-Series	U(DC)	I(DC)	Price
 <p>The „autoranging“: MS-1000AU</p>	100V/160V	40A/25A	upon request
	200V/250V	20A/16A	upon request
	400V/800V	10A/5A	upon request
	additional configuration avail		
 <p>The „powerfull one“: MS-1600</p>	32V	50A	upon request
	40V	40A	upon request
	63V	25A	upon request
	100V	16A	upon request
	160V	10A	upon request
	200V	8,0A	upon request
	250V	6,3A	upon request
	400V	4,0A	upon request
	630V	2,5A	upon request
	800V	2,0A	upon request
	10000v	1,6A	upon request
additional configuration avail			
Data: www.TET.de/download.html			


TET powerware industrial partnerships



DC high capacity power supply 10 kW to 32 kW, to 1000 V and 600 A

TETdcn2.1	10,0 kW-Series	U-Out (Vdc)	I-Out (A dc)	Price in Euro	Order
 <p>High density of capacity, high efficiency</p> <p>Additional technical data: TETdcn2</p>	52	250	upon inquiry	TETdcn2-50-250	
	65	193	upon inquiry	TETdcn2-60-208	
	100	125	upon inquiry	TETdcn2-100-125	
	200	63	upon inquiry	TETdcn2-200-63	
	400	31	upon inquiry	TETdcn2-400-25	
	500	25	upon inquiry	TETdcn2-500-19	
	600	20	upon inquiry	TETdcn2-600-20	
	800	16	upon inquiry	TETdcn2-800-16	
	1000	13	upon inquiry	TETdcn2-1000-13	


TETdcn2.2	16,0 kW-Series	U-Out (Vdc)	I-Out (A dc)	Price in Euro	Order
 <p>Complete digital control: high accuracy and long term stability</p> <p>Additional technical data: TETdcn2</p>	52	400	upon inquiry	TETdcn2-50-400	
	65	308	upon inquiry	TETdcn2-60-333	
	100	200	upon inquiry	TETdcn2-100-200	
	200	100	upon inquiry	TETdcn2-200-100	
	400	50	upon inquiry	TETdcn2-400-50	
	500	40	upon inquiry	TETdcn2-500-40	
	600	32	upon inquiry	TETdcn2-600-32	
	800	25	upon inquiry	TETdcn2-800-22	
	1000	20	upon inquiry	TETdcn2-1000-20	

TETdcn2.3	20,0 kW-Series	U-Out (Vdc)	I-Out (A dc)	Price in Euro	Order
 <p>Modular concept for a simple solution to increase capacity</p>	52	500	upon inquiry	TETdcn2-50-500	
	65	385	upon inquiry	TETdcn2-60-417	
	100	250	upon inquiry	TETdcn2-100-250	
	200	125	upon inquiry	TETdcn2-200-125	
	400	63	upon inquiry	TETdcn2-400-63	
	500	50	upon inquiry	TETdcn2-500-50	
	600	40	upon inquiry	TETdcn2-600-40	
	800	32	upon inquiry	TETdcn2-800-32	
	1000	25	upon inquiry	TETdcn2-1000-25	

TET powerware industrial partnerships



DC high capacity power supply 10 kW to 32 kW, to 1000 V and 600 A


TETdcn2.4	32,0 kW-Series	U-Out (VDC)	I-Out (ADC)	Price in Euro	Order
 <p>Constant voltage or constant current</p> <p>Additional technical data: TETdcn2</p>	52	700	upon inquiry	TETdcn2-50-600	
	65	600	upon inquiry	TETdcn2-60-500	
	100	400	upon inquiry	TETdcn2-100-300	
	200	200	upon inquiry	TETdcn2-200-200	
	400	100	upon inquiry	TETdcn2-400-100	
	500	80	upon inquiry	TETdcn2-500-80	
	600	64	upon inquiry	TETdcn2-600-64	
	800	50	upon inquiry	TETdcn2-800-50	
	1000	40	upon inquiry	TETdcn2-1000-40	


Options high capacity power supplies	Option	Price in Euro
TETdcn2 Series		
internal display operating unit	101	upon inquiry
internal water cooling system	102	upon inquiry
RS 422 interface	103	upon inquiry
R internal of 0..1 to 0..12	104	upon inquiry
customised voltage (if available)	105	upon inquiry
connecting cable	106	upon inquiry
external display operating unit	107	upon inquiry
external measuring unit	108	upon inquiry
protective cap for current output	109	upon inquiry
IEEE 488 interface	110	upon inquiry
CAN Interface	111	upon inquiry
Profibus interface	112	upon inquiry
network interface	113	upon inquiry
arbitrary function generator	114	upon inquiry

TET powerware industrial parship



DC power supply for high current and low and medium voltage up to 150kW and 2000 A.

TETdcn3.1	POWER STATION	
 <ul style="list-style-type: none"> minimal offset high setting accuracy voltage and current controllable from 0 to maximum capacity of the unit for usage in automated systems control through serial interface, analog signals or separate remote 	mains operated	all worldwide standards: 1-ph: 115/208/230V 3-ph: 208 / 220 / 380 / 400 /440 / 480 V
	output current	25-600A
	output voltage	4-30 V (other voltage upon request)
	maximum output capacity	up to 6.000 W
	ripple	< 1 %
	measurements	525 x 250 x 400/580 (W x H x D in mm)
	Price upon inquiry	


TETdcn3.2	POWER STATION	
	mains operated	all worldwide standards: 3-ph: 208 / 220 / 380 / 400 /440 / 480 V
	output current	30-2.000A
	output voltage	4-30 V (other voltage upon request)
	maximum output capacity	up to 15.000 W
	ripple	< 1 respectively 2 %
	Measurements Size	Size 525 x 290 x 580 (W x H x D in mm)
	Prices upon inquiry	

Optional TETdcn3 Series	Option	Price in Euro
IEEE 488/RS 232	01	798,00
RCP insulated	02	798,00
manual control unit	03	694,00
19" display	04	upon request

TET powerware industrial partnership



AC-power supplies


TETacdc mains simulator ACS - Series	VA	A_{rms}	Price in Euro
 <p>Mains simulators for the complete simulation of the mains of all technical mains, DC - 2000Hz, U- and I-constant, AC and DC output voltage: 0-300 V_{rms} / 423 V_{dc}</p>	50	0,2/1,4	upon inquiry
	250	1,0/4,0	upon inquiry
	500	4,0/16,0	upon inquiry
	750	6,0/20,0	upon inquiry
	1000	8,0/30,0	upon inquiry
	1500	10,0/40,0	upon inquiry
	2000	15,0/60,0	upon inquiry
	3000	20,0/80,0	upon inquiry
	4500	30,0/100,0	upon inquiry

Options TET acdc Series	Option	Price in Euro
operating unit in the front	201	upon inquiry
increased frequency 1 kHz	202	upon inquiry
increased frequency 2 kHz	203	upon inquiry
Increased voltage. 500 V_{ms}	204	upon inquiry
increased voltage 700 V_{ms}	205	upon inquiry
galvanic isolation	206	upon inquiry
RS 232	207	upon inquiry
IEEE 488	208	upon inquiry

TET powerware industrial partnership



Uninterruptible power supplies

TETusv	VA	Current at 230 V	Price in Euro
 <p>The TETusv is a modern, online continuous transducer, controlled by microprocessors, with electronic bypass for highly sensitive and critical applications as servers, work stations measurement-technology testing facilities or industrial facilities.</p>	700	3,0	upon inquiry
	1000	4,3	upon inquiry
	1500	6,0	upon inquiry
	2000	8,7	upon inquiry
	3000	13,0	upon inquiry
	5000	28,0	upon inquiry
	7000	38,0	upon inquiry

TET powerware industrial partnerships



Power inverter with EUE

TETwr DC/AC power converter	
<div data-bbox="92 474 395 622"> </div> <p data-bbox="427 465 694 622">Display and operating unit of one-phase inverter. Switch, text indicator, LED with mimic diagram.</p> <p data-bbox="73 663 627 723">1-phase inverter with EUE and manual bypass 500VA to 35kVA</p> <p data-bbox="73 770 683 862">Inverts equipped with electronic switch (EUE) allow the consumer loads to be fed through the power converter or the mains operated.</p> <p data-bbox="73 871 694 963">When failure of mains operated or inverter occur the working power source is automatically and uninterrupted switched to.</p> <div data-bbox="92 1016 411 1187"> </div> <p data-bbox="443 1008 694 1131">3,5kVA inverter with EUE manual bypass 19" slot 5HE 460 wide IP20</p> <p data-bbox="73 1214 604 1276">The systems are equipped with the following monitoring units:</p> <ul data-bbox="73 1285 679 1505" style="list-style-type: none"> • control switch, text indicator, LEDs, mimic diagram and floating distance signal switch • measured value display / device for DC input Volt/Amp, AC output Volt/Amp, inverter volt and frequency, mains Volt and frequency • signal LEDs for all operating states • control switch and display switch 	<p data-bbox="735 521 932 553">500 V – 35 KVA</p> <p data-bbox="735 616 928 649">DC input range:</p> <p data-bbox="735 712 1056 743">24 / 48 / 60 / 110 to 220 V</p> <p data-bbox="735 806 984 840">Efficiency 80 – 95 %</p> <p data-bbox="735 902 1273 936">output Voltage 230 V -50 Hz / 110 V – 60 Hz</p> <p data-bbox="981 1498 1208 1532">Price upon inquiry</p>

TET powerware industrial partnerships



Frequency converter

TETfw1



frequency converter
3-phase 15kVA
input 3x400V
50/60Hz, output 3x
115/200V 400Hz,
Y connection 5kVA
per phase, 8,5kVA
(25kVA) for 2-3
minutes, instruments
and potentiometer for
voltage. Cabinet L
800 H 1800 T 600
mm IP20

Frequency converters are used to supply consumer loads, which need a different frequency than the available mains operated allocate, i.e. 400Hz at a voltage of 115/220V.

The converter (FQW) is equipped with mains rectifier and inverter module. The mains rectifier is designed for the feed in at mains and the inverter module supplies the desired output frequency and voltage 1 or 3 phases. The output is galvanic isolated.

The frequency converters are produced with a capacity form 500VA to 40kVA.

The FQW converters are upgradeable and can be modified according to your requirement.

Basic version of FQW types


- supply of DC consumer loads with different frequency and voltage
- capacity from 500VA to 40,0 kVA, 1/3 phases
- output 115V 1phase, 3x 115/200V 3phases other values are possible
- 50Hz, 60Hz, 400Hz or 16 2/3 Hz
- AC-input, all known mains from 115 to 400V, 1/3 phases
- efficiency 81 to 89%
- short-circuit-proof, galvanic isolation
- thermically regulated fan
- switch-on current limitater with AC input monitoring
- 5x signal LED for operating states
- 1x signalling switch operation ok
- set-up subplate IP00, cubicle of electronic equipment for set up on a wall or stand alone, 19" complete slot IP20 with input and output fuse


Prices upon inquiry


TET powerware industrial partnerships



High voltage modules

TEThsm1 DC-DC HSM	V	Price in Euro
 <p>DC-DC converters of the series SMM are cost-efficient high voltage modules for printed circuit board assembly with output voltage up to 12,5 kV.</p> <p>Additional technical data: TEThsm2</p>	500	upon inquiry
	1.000	upon inquiry
	1.500	upon inquiry
	2.000	upon inquiry
	3.000	upon inquiry
	5.000	upon inquiry
	10.000	upon inquiry

TEThsm2 DC-DC HSM	V	Prices in Euro
 <p>DC-DC modules of the series SMS are designed for printed circuit board assembly. They excel through high reliability, dense design and low weight.</p>	300	upon inquiry
	500	upon inquiry
	750	upon inquiry
	1.000	upon inquiry
	1.500	upon inquiry
	2.000	upon inquiry
	2.500	upon inquiry
	3.000	upon inquiry

TEThsm4 DC-DC HSM	V	Price in Euro
 <p>The modules of the SMP series are a combination of ler and linear engineering. They exceed through high efficiency, high stability and reliability. They are available in a voltage range from 1kV to 40kV.</p>	1.000	upon inquiry
	1.500	upon inquiry
	2.000	upon inquiry
	3.000	upon inquiry
	5.000	upon inquiry
	10.000	upon inquiry
	15.000	upon inquiry
	20.000	upon inquiry
30.000	upon inquiry	
40.000	upon inquiry	



TETelectronic loads

TETel electronic loads		
<p>We exclusively develop and design according to your specification and we are looking forward to your inquiry.</p>	range	250W – 20 KW
	U_{max}	600 V
	I_{max}	2700 A
	mode of operation	Current Voltage resistance capacity
	interfaces	RS232/485 IEEE488 USB
Prices upon inquiry		

TET solutions solutions for automotive, air and space, defence/military

TET 19" multipurpose rack
TET 19"


Order our handy system-cubicle with **TET** power supplies of your choice. Through connector panels any device can be integrated in the 19" cubicle to obtain the perfect measuring or testing set up or ATE-system.

The steel cubicle with **TET** power supplies is intended as the central DC power supply. The operation of the electric power supply system is conducted via one unit in a master-slave operation. A combination of **TET** power supplies and other electronic insertions in 19" version is possible.

- to insert into TET-laboratory power supplies and / or other slots in 19" version
- steel cubicle from 12HE to 24HE for insertion of up to five HERCULES power supplies
- centered main switch including protection
- centered clip socket for rotary current connection
- centered clip socket for load connection
- transport rolls for easy movement indoors
- vent slots at the back panel

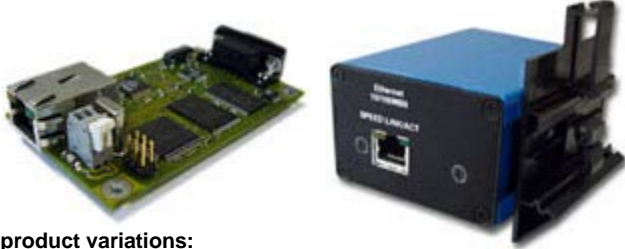
Prices upon inquiry


TET solutions solutions for automotive, air and space, defense/military



TET interface converter

TETelectronics offers a number of professional and for industrial use developed products from the field of industrial communication.

TETsmart_LAN	Intelligent Ethernet/RS-232 Interface
 <p>product variations:</p> <ul style="list-style-type: none"> • Smart_LAN Board – ready to operate circuit board, no case (transparent modus) • Smart_LAN Box –ready to operate module, in case (transparent modus) • Smart_LAN CD – CD with configuration program, driver-DLL for easy PC-access (for Win9x, WinNT, Win2000 and WinME - LINUX upon request), manual with examples of application in pdf format • Smart_X Railmount – linking element for top at rail mounting of the box 	<ul style="list-style-type: none"> • connection of units with RS-232 interface to Ethernet • data communication: transparent (facilitates the connection of units sparing costly development effort) • device specific serial protocols may be implemented • optional protocols for the serial interface (AS511, 3964R, RK512, Modbus, ASCII) • optional approach/control of modem-, GSM- and ISDN-modules for remote maintenance, diagnosis and alarm (i.e. notification by Fax and SMS or internet and e-mail) • Programmable upon customer request (i.e. additional reading functions,) • easy assembly /// mounting <p style="text-align: right;">Prices upon inquiry</p>

TETsmart_DP	Intelligent PROFIBUS-DP/RS-232 Interface
 <p>Product variations:</p> <ul style="list-style-type: none"> • Smart_DP Board – ready to operate circuit board, no case (transparent modus) • Smart_DP Box –ready to operate module, in case (transparent modus) • Smart_DP CD – CD with configuration program for the serial interface, GSD-file for project planning via Standard-DP-master configuration tool, function modules for SIMATIC S7, manual as pdf-file • Smart_X Railmount – linking element for top at rail mounting of the box 	<ul style="list-style-type: none"> • connection of units with RS-232 interface to PROFIBUS-DP • data communication: transparent (facilitates the connection of units sparing costly development effort) • device specific serial protocols may be implemented • optional protocols for the serial interface (AS511, 3964R, RK512, Modbus, ASCII) • optional approach/control of modem-, GSM- and ISDN-modules for remote maintenance, diagnosis and alarm (i.e. notification by Fax and SMS or internet and e-mail) • Programmable upon customer request (i.e. additional reading functions,) • easy mounting <p style="text-align: right;">Prices upon request</p>

TET solutions solutions for automotive, air and space, defense/military

TET power loading units **TET mobile battery packs**
TETplu1 power loading units


The chargers –developed by **TETelectronics** - of the PLU series for up to 5 KWatt capacity are especially apt for the automotive industry or respectively for application in departments of defence as well as air and space technology.

Accumulators can be supported and/or charged. The unit's application takes place where consumer loads are fed by accumulators but when those are not directly recharged. For example when consumer loads in vehicles have to be checked when the motor is not running (no charge), in forklifts or planes.

Another application will be for manufacturers of accumulator tools in the testing and checking phase. The controlling of the processors with the intelligent loading technique guarantees extensive possibilities for a universal battery check up. A check takes place before each loading which will detect already faulty accumulators.

TETplu2 mobile battery packs


These units serve the mobile supply of for example consumer loads with 12 to 28VDC supply voltage, i.e. industrial trucks, military devices, vehicles, mobile and stationary motors, planes, helicopters and other consumers with a high current demand.

These power supplies (MOBILE AVIATION GROUND POWER UNIT) supply energy for the starting process, in order to service and spare the on board accumulator at the same time. They supply high but undisturbed DC-currents.

Harsh enviromental conditions

Those on-ground-power-supplies are designed for the worldwide use and can therefor be used under harsh climate conditions. A case made of stainless V2A steel with powder coating, special air vents, a working temperatur range from - 40°C to 50°C and rain protection ensure these possibilities.

Start up and supply of planes with 28VDC on-board curcuit power supply

TET solutions



Business division Testing Systems

The business division Testing Systems develops, manufactures, assembles and services testing and automation systems. That even includes high quality testing of your software products. The core competence lies in the PC supported system technique and webbased settlement of the project

Our scope of services:

- ◆ **blue print and concept of turn-key-solutions for testing and automation systems as well as software**
- ◆ **selection and configuration of the mechatronical components**
- ◆ **development of hydraulic process engineering**
- ◆ **development of measuring, controlling and regulating software and graphic user surfaces**
- ◆ **mechanical construction**
- ◆ **manufacturing and assembly**
- ◆ **setting up of operation**
- ◆ **service**

Imprint:

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