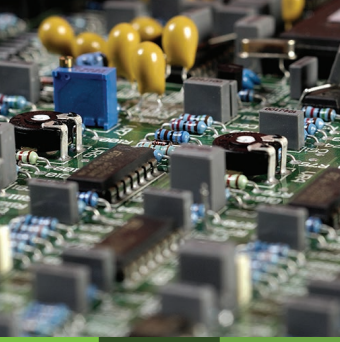


Your reliable partner for  
uninterruptible power

 **Tescom**<sup>®</sup>  
UNINTERRUPTIBLE POWER SUPPLIES



# FACTORY

*Tescom formerly known as Tümel Elektronik located in Izmir-Turkey is an independently owned corporation, offering a wide range of power protection products and services to a wide spectrum of industries and sectors.*

*During the establishment years the company was manufacturing electronic control devices and inverters, then in 1986 when*

*the IT sector started developing rapidly, Tescom sensed the great need for clean, uninterruptible power and started designing and manufacturing Uninterruptible Power Supplies.*

*As well as an extensive standard UPS range Tescom also offers a variety of other products such as static transfer switch (STS), frequency and voltage converters, inverters and*

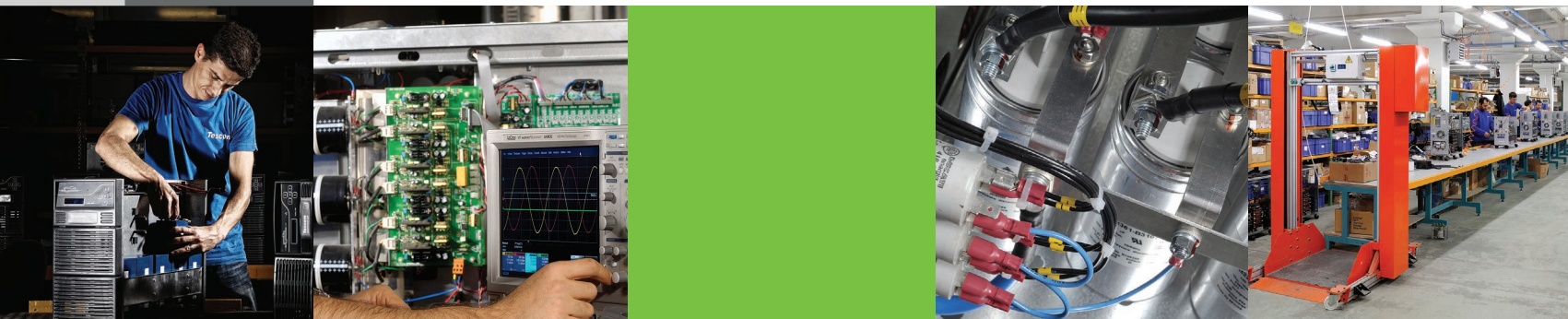
*rectifiers under its registered trademark "Tescom".*

*Today all Tescom branded power protection products are manufactured by a group of almost 30 greatly experienced engineers and staff of over 250 people.*



*Tescom is a member of DMY Electronic Investments Group  
([www.dmyelektronik.com](http://www.dmyelektronik.com))*





One of the greatest advantages of Tescom has always been, flexibility. Which means we do not only offer standard products. Thank's to our high experienced R&D team we also design and manufacture products according to customers requirements.

Tescom has always made widespread use of the latest

developments and technologies in manufacturing, which complies with all the necessary international standards and norms. All these past years of experience, has lead to over 250,000 manufactured power protection products which have been delivered to customers in more than 40 countries in 4 continents.





## R&D

*Tescom's R&D department is the most valuable asset to this company since the day it was founded. All engineers working here are the most experienced ones in the country in the field of power electronics. This team has the knowledge and skill to create and launch a new product*

*into the market within a very short period of time. Besides, this R&D team has also ability to implement special request specifications to the standard manufactured products, faster and more efficiently than the competitors.*

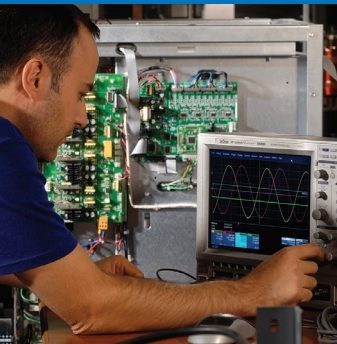
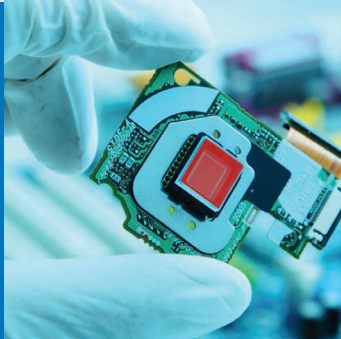
*Thanks to the large budget allowance given every year a considerable amount of investment is being made to this department and as a result today Tescom is in a very pretentious position both in domestic and international markets.*



### T.C. Ministry of Industry and Technology

*As a result of ongoing investments in power electronics and energy, the "Ministry of Science, Industry & Technology" has certified Tescom to be Turkey's 455th R&D center.*





*Due to the close and strong relations with the international suppliers, Tescom has always been a company using and applying the latest technology materials and components in the products manufactured.*

*Since day one the goal of the Tescom's R&D team has always been to follow up the*

*latest technological developments in the market and detect the customer demands, then create and launch a product accordingly.*



# OUTDOOR UPS

UNINTERRUPTIBLE POWER SUPPLIES

## GENERAL SPECIFICATIONS

- Provide continuous power to critical loads during blackout in rugged environment
- Wide operating temperature range from -40°C to 80°C suits for outdoor applications
- Built-in boost and buck AVR to regulate input voltage
- Selectable transfer time for normal or generator modes
- Provide RS232, USB and SNMP intelligent port
- Circuit breaker protection on AC input, AC output and external battery input
- User-adjustable charging current
- Adjustable input threshold voltage
- Provide programmable signals for dry contacts
- Battery compensation optimizes battery lifecycle





## TECHNICAL SPECIFICATIONS

MODEL		Outdoor 2000A	Outdoor 2000E
Rated power		2000VA / 1600W	
INPUT			
Nominal voltage		120VAC	230/240VAC
Acceptable voltage range		88 ~ 152VAC user programmable. Default: 100 ~ 130VAC	176 ~ 300VAC user programmable. Default: 200 ~ 260VAC
Frequency range		50/60Hz (auto sensing)	
OUTPUT			
Nominal voltage		120VAC	230/240VAC
Voltage regulation (batt. mode)		120VAC ± 5%	230/240VAC ± 5%
Output frequency		50/60Hz ± 0.1%	
THD (batt. mode)		< 3% @ Full resistive load	
Efficiency	AC mode	95%	
	AVR mode	90%	
	Battery mode	90%	
Transfer time	Normal mode (max.)	12ms	
	Generator mode (max.)	12ms	
Waveform		Pure sinewave	
BATTERY			
Nominal DC voltage		48VDC	
Law DC warning voltage		46VDC ±0.4VDC @ no load	
Battery type		AGM	
Charging current		2A/4A/6A/8A/10A (adjustable)	
INDICATORS			
Bypass mode		Green LED on	
Battery mode		Green LED flashing	
No output		Green LED off	
Warning with output		Yellow LED on	
Fault without output		Red LED on	
MANAGEMENT			
Communication		RS/232/USB and optional SNMP	
Dry contact rating		3A @ 125VAC	3A @ 250VAC
PHYSICAL			
Dimension (HxWxD) (mm)		133x400x240	
Net weight (kgs)		13	
Type of mechanical protection		IP20	
ENVIRONMENT			
Humidity		5% to 95% Relative humidity (non-condensing)	
Operating temperature		-40°C to 80°C	-40°C to 70°C
Noise level		<48dB	
COMPLIANCE			
EMI compliance		Class A FCC/CISPR (EN50091-2:1995)	
Surge protection		IEEE/ANSI C.62.41 & 2KV, L-N	





#### HEADQUARTERS

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