

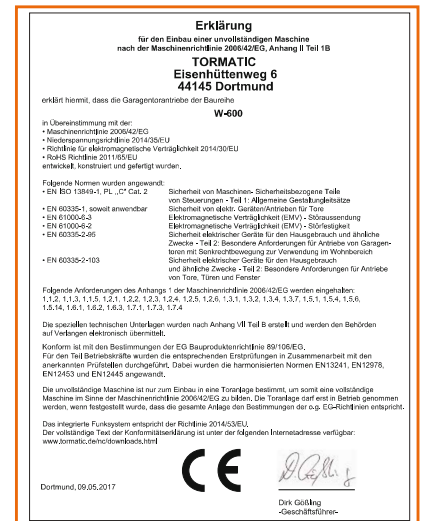
# Operators W-600

## High class technology and modern design

The TORMATIC W-600 operators stand out due to a modern design and high class technology. They convince with a contemporary LED light technology, high stability and maximum performance. Optionally, an additional 1.6 W LED board can be adjusted. Of course, the operators are equipped with the approved TORMATIC 3-button programming and an integrated force control. Due to the adjustable Soft-Start and Soft-Stop, the operators guarantee the optimal running of the door.

## At a glance

- Certified CE
- Operator sets for up-and-over and sectional doors
- Suitable for doors up to 10 m<sup>2</sup>
- Combinable with all rails by TORMATIC
- Additional 1.6 W LED board can be retrofitted (optionally)
- Automatic close function can be adjusted



Technical data	W-600
Push & pull force	600 N
Mains supply	230 V / 50 Hz
Operating voltage	24 V / DC
Power consumption	160 W
Stand-by power consumption	< 0,5 W
Running speed	15 cm/s
Duty cycle	30 % ED
Temperature	-20° C / +60° C
Control unit	Micro-processor controlled Soft start / Soft stop Automatic close
Control sequence	1st impulse = Operator starts 2nd impulse = Operator stops 3rd impulse = Inversion of direction
Radio control	433 MHz, KeeLoq rolling code
Lighting	1,6 W LED
Lighting during operation	60 sec. factory-set



## The set

- Motor head (W-600)
- Fitting for up-and-over and sectional doors
- Design Transmitter



### Variable accessories

The extensive accessory program offers the accordant products for all requirements. Radio systems, safety elements or further impulse generators – the products by Tormatic are enlarged by many functions.



### 3-button programming

The renowned 3-button programming by Tormatic leads you clearly and quickly through all menu points. Due to the fast programming of the operator, you will save time and money. The menu navigation of all operators is the same.



### LED lighting

Due to the new 0.4 W LED lighting elements, the power consumption of the operator has been decreased significantly. The long life cycle of the LED lighting saves the inconvenient changes of bulbs. Optionally, an additional 1.6 W module can be mounted.



### The rail

The redesigned and optimized rails are made of less steel and offer the wellknown, usual Tormatic quality. The new profile guarantees the high stability of the construction. The rails are available as chain track or toothed belt versions.

## The comprehensive range of accessories

Not only high standards are met but there is also a particular focus on comfort and safety. Discover Tormatic's renowned quality, in which you can trust every day.



### Transmitters

MAX 43-4 (4-channel), MAX 43-2 (2-channel), Design Transmitter (3-channel)

The transmitters and impulse generators work with 433 MHz and KeeLoq rolling code.

### Safety

Light Beam LS 5 Integrated, 2-wires, range 8 m, IP 45, 20-28 V AC/DC

Emergency release: For double wing doors, with safety profile half cylinder

### Impulse generators

Digicode premium: External radio touch contact with metal keyboard

Duocontrol: Internal radio touch contact, 4 minutes light, combinable with UHF KeeLoq transmitters

# Operators W-800 / WB-800

## The NRG operators by TORMATIC – extremely fast and energy-saving

The NRG garage door operators by Tormatic combine latest technology with contemporary energy efficiency. Normally, an operator is only used a few minutes a day. 99 % of the time, the operator is in the stand-by mode and spends power.

The stand-by consumption of the NRG operators is less than 0.5 W. In comparison to available DIY-products, this leads to electricity savings of up to 94 %. You will protect the environment as well as your pocket. Besides the high energy efficiency, the NRG operators also convince due to their technical know-how. With the practical 3-button programming, you can carry out the programming of the operator quickly and easily. Additional features ensure the extremely high speed of movements, the optimum door adjustment and the smooth running.

### At a glance

- Certified CE
- Operator for up-and-over and sectional doors
- Suitable for doors up to 14 m<sup>2</sup>
- Combinable with all rails by TORMATIC
- Integrated LED lighting (1.6 W)
- Automatic close function can be adjusted



**Erklärung**  
für den Einbau einer unvollständigen Maschine  
nach der Maschinenrichtlinie 2006/42/EG, Anhang II Teil B18

**TORMATIC**  
**Eisenhüttenweg 6**  
**44145 Dortmund**

**W-800**

erklärt Hiermit, dass die Garagenantriebe der Baureihe

in Übereinstimmung mit der:  
• Maschinenrichtlinie 2006/42/EG  
• Niederspannungsrichtlinie 2014/30/EU  
• Richtlinie für elektromagnetische Verträglichkeit 2014/53/EU  
• RoHS Richtlinie 2011/65/EU  
entwickelt, konstruiert und gefertigt wurden.

Folgende Normen wurden angewandt:  
• EN ISO 13849-1, PL „C“ Cat. 2  
• EN 60335-1, soweit anwendbar  
• EN 61000-6-2  
• EN 60335-2-103

Sicherheit von Maschinen- Sicherheit bezogene Teile von Steuerung - Teil 1 Allgemeine Gestaltungsrichtlinien  
Sicherheit von elektr. Geräten Antriebe für Tore  
Elektromagnetische Verträglichkeit (EMV) - Störausstrahlung  
Elektromagnetische Verträglichkeit (EMV) - Störfestigkeit  
Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2: Besondere Anforderungen für Antriebe von Garagen-toren mit Betriebsübertragung zur Verwendung im Wohnbereich  
Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2: Besondere Anforderungen für Antriebe von Toren, Türen und Fenstern


Folgende Anforderungen des Anhangs 1 der Maschinenrichtlinie 2006/42/EG werden eingehalten:  
1.5.2, 1.5.3, 1.5.8, 1.5.9, 1.5.10, 1.5.11, 1.5.12, 1.5.13, 1.5.14, 1.5.15, 1.5.16, 1.5.17, 1.5.18, 1.5.19, 1.5.20, 1.5.21, 1.5.22, 1.5.23, 1.5.24, 1.5.25, 1.5.26, 1.5.31, 1.5.32, 1.5.34, 1.5.37, 1.6.1, 1.6.3a, 1.6.3b, 1.6.14, 1.6.15, 1.6.3, 1.6.33, 1.7.1, 1.7.3, 1.7.4

Die speziellen technischen Unterlagen wurden nach Anhang VI Teil B erstellt und werden den Behörden auf Verlangen elektronisch übermittelt.

Konformität mit den Bestimmungen der EG Bauproduktenrichtlinie 89/105/EEG.  
Für den Teil Betriebskräfte wurden die entsprechenden Erprobungen in Zusammenarbeit mit den anerkannten Prüfstellen durchgeführt. Dabei wurden die harmonisierten Normen EN13241, EN12976, EN12493 und EN12445 angewandt.

Die unvollständige Maschine ist nur zum Einbau in eine Toranlage bestimmt, um somit eine vollständige Maschine im Sinne der Maschinenrichtlinie 2006/42/EG zu bilden. Die Toranlage darf erst in Betrieb genommen werden, wenn festgestellt wurde, dass die gesamte Anlage den Bestimmungen der o.g. EG-Richtlinien entspricht.

Das integrierte Funksystem entspricht der Richtlinie 2014/53/EU.  
Der vollständige Text der Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:  
[www.tormatic.de/tormatic-basez.html](http://www.tormatic.de/tormatic-basez.html)

CE   
Dirk Gößling  
Geschäftsführer

Dortmund, 09.05.2017

Technical data	W-800 / WB-800
Push & pull force	800 N
Mains supply	230 V / 50 Hz
Operating voltage	24V/DC
Power consumption	240 W
Stand-by power consumption	< 0,5 W
Running speed	17 cm/s up to max. 24 cm/s
Duty cycle	30 % ED
Temperature	- 20° C / + 60° C
Control unit	Micro-processor controlled Soft start / Soft stop Automatic close
Control sequence	1st impulse = Operator starts 2nd impulse = Operator stops 3rd impulse = Inversion of direction
Radio control	433 MHz, KeeLoq rolling code
Lighting	1.6 W LED
Lighting during operation	60 sec. factory-set
Additional features	Door-select, Ventilator function



### The set

- Motor head
- Fitting for up-and-over and sectional doors
- 2x Design Transmitters
- UHF receiver module



### Simple usage and safety

The finger scanner offers you a maximum safety standard for your home. If necessary, you can save up to 99 finger prints. Entering your garage is easy and comfortable as never before. Furthermore, you must not keep in mind your codes anymore.



### Safe is safe

The integrated force control of the operators by Tormatic offers a high degree of safeness. In case of an obstacle, the operator stops immediately and opens the door again. In addition, a light beam can be installed, which identifies the obstacle immediately.



### The LED lighting

Due to the application of high-class 1.6 W LED lighting elements, the power consumption of the NRG operators is still decreased. The LED light bulbs stand for a long life cycle and a strong light intensity. Additionally you save the inconvenient changes of conventional light bulbs.



### Emergency release

In case of power failure, you have easy access to your garage by using the emergency release. Of course, the high safety standard completely remains. By using the attached keys, you can separate the operator from the door to open it manually.

## The comprehensive range of accessories

Not only high standards are met but there is also a particular focus on comfort and safety. Discover Tormatic's renowned quality, in which you can trust every day.



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