

# Wärtsilä JOVYLOAD EASY

## PRODUCT LEAFLET



Robust, compact, disassembled into 3 parts with only a few steps and transportable in a passenger car or van – these are the features of our load resistor series Wärtsilä JOVYLOAD EASY / EASY XL. The assembly and connection of these mobile load banks also require a few steps only. A solid transport-frame with lockable castors enables a flexible application in the direct vicinity of the test unit.

### SIMPLE OPERATION, HIGH SECURITY

All operating elements of the Wärtsilä JOVYLOAD EASY systems are mounted at the front without overlap. An acrylic glass panel prevents access of unauthorised persons. Load increments of 1kW increments can be selected. All load steps are secured in case of a fan fault the load steps are switched off.

### FOR DC OR AC

The load banks of the Wärtsilä JOVYLOAD EASY /XL series are designed for DC, but can, however, be used with AC up to a voltage of 72 V. The mobile load banks are suitable for e.g. generators operated rarely or only with minor load, for stress tests of emergency systems without

load function or for error tracing and commissioning of generators.

### STANDARD OR SPECIAL DESIGN

In addition to our standard versions we address special customers' requirements with customised solutions. The systems are coated in grey /red. We will gladly offer, however, special colours, engraved company names or special technical features. With an optionally available integrated multifunctional device voltages between phases, between phases and neutral, current per phase, frequency, effective power per phase or all minimum and maximum values can be monitored.

Tab.1 Type Overview Wärtsilä JOVYLOAD EASY / EASY XL

TYPES FOR AC-CURRENT	Power [kW]	Load steps [kW]	Weight [kg]
Wärtsilä JOVYLOAD EASY 50kW-400VAC	50	2x5/ 2x10/ 20	85 (40)**
Wärtsilä JOVYLOAD EASY 75kW-400VAC	75	5/ 3x10/ 2x20	100 (55)**
Wärtsilä JOVYLOAD EASY 100kW-400VAC	100	2x5/ 3x10/ 20/ 40	115 (70)**
Wärtsilä JOVYLOAD EASY 100kW-230VAC	100	2x5/ 3x10/ 20/ 40	115 (70)**
Wärtsilä JOVYLOAD EASY 100kW-440VAC	100	2x5/ 3x10/ 20/ 40	115 (70)**
Wärtsilä JOVYLOAD EASY XL 150/5kW-400VAC	150	2x5/ 2x10/ 2x20/ 2x 40	200 (105)**
Wärtsilä JOVYLOAD EASY XL 150/1kW-400VAC	150	1/ 2/ 2/ 5/ 2x10/ 2x20/ 2x40	205 (110)**
Wärtsilä JOVYLOAD EASY XL 200/5kW-400VAC	200	2x5/ 10/ 20/ 4x40	215 (120)**
Wärtsilä JOVYLOAD EASY XL 200/1kW-400VAC	200	1/ 2/ 2/ 5/ 10/ 20/ 4x40	220 (125)**
Wärtsilä JOVYLOAD EASY XL 250/5kW-400VAC	250	2x5/ 2x10/ 20/ 5x40	230 (135)**
Wärtsilä JOVYLOAD EASY XL 250/1kW-400VAC	250	1/ 2/ 2/ 5/ 2x10/ 20/ 5x40	235 (140)**
TYPES FOR DC-CURRENT	Power [kW]	Load steps [kW]	Weight ** [kg]
Wärtsilä JOVYLOAD EASY 100kW-460VDC	100	10x 10	115 (70)**
Wärtsilä JOVYLOAD EASY 100kW-920VDC	100	6,6/ 13,2/ 4x20	115 (70)**

\*\* maximal part weight

## TECHNICAL DATA

	Wärtsilä JOVYLOAD EASY	Wärtsilä JOVYLOAD EASY XL
Power	81 - 100 kW	150 - 250 kW
Dimensions (W x H x D)	620 x 1095 x 630 mm (completely mounted)	960 x 1205 x 1135 mm (completely mounted)
Dismountable in 3 parts	690x215x647 mm 690x337x647 mm 690x554x647 mm	956x270x1162 mm 956x422x1162 mm 956x552x1162 mm
Features	dismountable, fold-down handle, 4 lockable transport rolls	
Material resistor elements	stainless steel	
Ventilation	vertical, forced ventilation	
Temperature coefficient	1,3 % per 100 °C	
Operation mode	permanent operation	
Varnishing	red / anthracite (RAL 3020 and RAL 7016)	
Humidity	F	
Interference suppression	Acc. to EN 50091 : 1994 class A	
Auxiliary voltage	230 VAC - 50/60 Hz	
Classification	DIN, VDE, IEC	
Load connection	Toggle clamp with touch protection	
Protection degree	IP 20	
Protection class	1 acc. to VDE 0106/part 1	
Noise level	< 82 dB(A)	
Ambient temperature	-10°C up to +45°C (without condensation)	
Set-up altitude	max. 1000m above MSL	
Tolerance resistor	R warm / R cold: <5%	

- **ROBUST LOAD RESISTOR**  
with compact structure
- **VERY LOW TEMPERATURE COEFFICIENT**  
guarantees high accuracy of resistance values
- **EASY TRANSPORT**  
Disassembled into 3 parts
- **SECURED LOAD STEPS**
- **CUSTOMISED DESIGNS**  
e.g. with laser-cut company name, special colour etc.
- **230 V SERVICE SOCKET**  
for external measurement instruments
- **TOUCH PROTECTION**  
foldable, for additional safety

Fig.1 Wärtsilä JOVYLOAD EASY and EASY XL  
dismounted into 3 parts

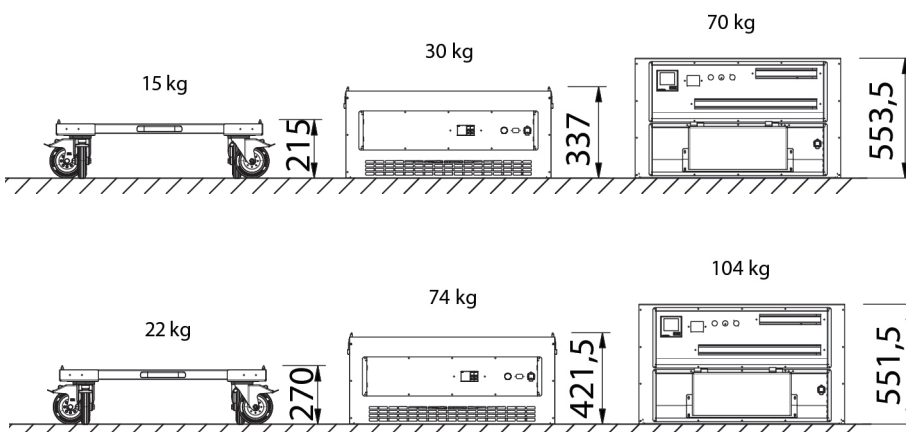


Fig.2 Wärtsilä JOVYLOAD EASY

