

# Wärtsilä JOVYLINE

## PRODUCT LEAFLET



UPS systems of the type Wärtsilä JOVYLINE are available with a power range of 625 VA, 1200 VA or 2200 VA. The systems are based on the offline principle (VFD). As these systems do not need any ventilation they make hardly any noise and are therefore particularly suitable for PC working stations in offices or at home. Wärtsilä JOVYLINE is not only deployed in these areas: the compact, low-maintenance UPS systems are extremely robust and provide service in wind parks worldwide.

### OFFLINE UPS SYSTEMS

Offline UPS systems are an efficient alternative to online UPS systems. They persuade through low operating costs in combination with high efficiency. Cost-intensive service hours in wind parks can be cut down thanks to their reliability and minimal maintenance requirements. All units of the type Wärtsilä JOVYLINE are tested in a 48-hours burn-in test and inspected in our in-house test facility prior delivery.

### SAFETY AND MAXIMUM AVAILABILITY

The UPS systems of the type Wärtsilä JOVYLINE offer maximum availability including protection in the event of overload, current and voltage overshoot or quick breaks for PC, MAC, telephone, fax, modem. Shutdown software is optionally available allowing stre-

amlined shutdown of PCs of different operation systems. Moreover the software enables to display and to record states and measurements of the UPS systems via computers directly linked to the UPS system.

### AUTOMATIC VOLTAGE REGULATION (AVR)

UPS systems of the type Wärtsilä JOVYLINE feature an automatic voltage regulation (AVR). In the event of a power supply under voltage the output voltage of the system is increased via an auxiliary winding in the output transformer. Only in case of a major under voltage respectively a complete power failure the loads are supplied via the inverter. The AVR preserves battery life and it guarantees an always-sufficient high output voltage for the consumer load.

Tab.1 Types Wärtsilä JOVYLINE

### TYPES Wärtsilä JOVYLINE

	Dimensions W x H x D	Weight	Autonomy times [min]
<b>Wärtsilä JOVYLINE 625 VA</b>	97 mm x 135 mm x 320 mm	6.5 kg	10-30 min. (depends on load)
<b>Wärtsilä JOVYLINE 1200 VA</b>	130 mm x 192 mm x 382 mm	13.4 kg	
<b>Wärtsilä JOVYLINE 2200 VA</b>	130 mm x 192 mm x 382 mm	15.9 kg	

**TECHNICAL DATA**

Input voltage	230 V +20% -25%
Output voltage	230 V ± 25 %
Output frequency	50 Hz / 60 Hz ± 0,5 % battery operation
Power	625 VA / 1200 VA / 2200 VA
Protection degree	IP 21
Temperature	0 °C up to +40 °C
Noise level	< 40 dB (A) / < 48 dB (A) at battery operation
Battery	sealed, maintenance free (lifetime 10-12 years acc. Eurobat)
Efficiency	97 % / 92 % at battery operation
Humidity	0 - 95 % no condensation
Classification	VFD-Y-311 acc. to IEC/DIN/EN 62040-3
Output	Wärtsilä JOVYLINE 625: 1 grounded socket supplied by UPS Wärtsilä JOVYLINE 1200: 2 grounded sockets supplied by UPS, 1 grounded socket supplied by mains Wärtsilä JOVYLINE 2200: 2 grounded sockets supplied by UPS, 1 grounded socket supplied by mains
Scope of delivery	UPS, USB-cable, mains power cable, manual

**OPTIONS**

- Shutdownsoftware JUMP Masterlicence CD for WIN, Novell, UNIX, MAC OS
- Shutdownsoftware JUMP Multiserverlicence (1 licence per server)
- Spare battery Wärtsilä JOVYLINE 625
- Spare battery Wärtsilä JOVYLINE 1200
- Spare battery Wärtsilä JOVYLINE 2200

**FEATURES**

- Automatic voltage regulation
- Extremely quiet operation
- Manual and automatic test function for battery and UPS
- Mains power cable
- Space saving design with grounded sockets
- Aknowledgeable buzzer
- Start of UPS is possible without mains
- Over-/Undervoltage protection
- Overvoltage protected socket for modem / network incl. cablel
- UPS interface

- OFFLINE UPS SYSTEM**  
VFD Technology: „Voltage and Frequency Dependent“ according to IEC 62040-3 Safe Protection against Mains Failure, Voltage Dips and Peaks.
- AUTOMATIC VOLTAGE REGULATION (AVR)**
- ALMOST SILENT OPERATION**
- VERY ROBUST**  
Also suitable for extreme ambient conditions
- USB-PORT**
- ALARM SIGNALS**  
via aknowledgeable signal buzzer
- TEST FUNCTION**  
Manual and automatic test function for battery and UPS

Fig.1 Wärtsilä JOVYLINE 1200 / JOVYLINE 625

