

TTC Wärtsilä JOVYLINE

PRODUCT LEAFLET

UPS systems of the type TTC 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. TTC 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 TTC 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 TTC 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 TTC 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 TTC Wärtsilä JOVYLINE

TYPES TTC Wärtsilä JOVYLINE

	Dimensions W x H x D	Weight	Autonomy times [min]
TTC Wärtsilä JOVYLINE 625 VA	97 mm x 135 mm x 320 mm	6.5 kg	
TTC Wärtsilä JOVYLINE 1200 VA	130 mm x 192 mm x 382 mm	13.4 kg	10-30 min. (depends on load)
TTC Wärtsilä JOVYLINE 2200 VA	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	TTC Wärtsilä JOVYLINE 625: 1 grounded socket supplied by UPS TTC Wärtsilä JOVYLINE 1200: 2 grounded sockets supplied by UPS, 1 grounded socket supplied by mains TTC 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 TTC Wärtsilä JOVYLINE 625
- Spare battery TTC Wärtsilä JOVYLINE 1200
- Spare battery TTC 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 TTC Wärtsilä JOVYLINE 1200 / JOVYLINE 625

