

TTC Wärtsilä JOVYTEC PNT

PRODUCT LEAFLET



UPS systems of type TTC Wärtsilä JOVYTEC PNT offer optimal protection for critical consumer loads on board of vessels or yachts. They are available with outputs of 1000 VA, 1500 VA, 2000 VA and 3000 VA. The UPS JOVYTEC P NT 1 kVA and 2 kVA are featuring type approvals according to the DNVGL and Bureau Veritas and meeting the Product Standard IEC / EN 60945 and IACS Type Test Specification E10.

SECURE POWER SUPPLY ONBOARD VESSELS AND YACHTS

UPS Systems have evolved in recent years as absolutely essential for the supply of critical consumers on board. In case of failure of the electrical system, important systems such as emergency lighting, radio, navigation, automation and communication have to be kept in operation for a specified period. Construction of such UPS Systems has to consider special ship building codes of the respective classification society. UPS Systems for vessels are custom-made depending on the particular ship to be supplied.

ONLINE UPS SYSTEM

As online systems (double converter technology) Wärtsilä JOVYTEC PNT UPS systems protect against system interferences and failures of any kind in a secure and economic way. The connected onboard consumer loads are supplied constantly with a given frequency. Thus the input frequency can vary between 45 and 65 Hz. The

systems of the TTC Wärtsilä JOVYTEC PNT series are equipped with a five-language LCD display with vast display options for voltage, frequency, battery status and capacity utilisation of the UPS system.

OPERATING MODES

The easily accessible and user-friendly operation panel allows the selection between four different operating modes: Online Mode, Green Mode, Free Running Mode and Generator Mode. In Online Mode the connected equipment is continuously supplied through the inverter in accordance with VFI-SS-111. The inverter delivers sinu soidal voltage grade 02. The power supply to the equipment is not interrupted even in case of power failure.

EASY TO SERVICE

The batteries of the TTC Wärtsilä JOVYTEC PNT UPS systems can be easily replaced via front side of the device. The entire battery pack can be replaced during active operation with low effort.

Tab.1 Type Overview

TYPES TTC Wärtsilä JOVYTEC PNT

	Dimensions W x H x D [mm]	Weight [kg]	Autonomy times at 100 % load [min]
TTC Wärtsilä JOVYTEC PNT 1000-8	152 x 238 x 420	11.9	8
TTC Wärtsilä JOVYTEC NT 1500-6	152 x 238 x 420	12.9	6
TTC Wärtsilä JOVYTEC PNT 2000.8	225 x 360 x 425	32.2	8
TTC Wärtsilä JOVYTEC PNT 3000-6	225 x 360 x 425	33	6