

# JOVYTEC PM E

## PRODUCT LEAFLET



UPS systems JOVYTEC PM E are available with power ranges of 1000 VA up to 10000 VA.

The transducer systems of the JOVYTEC PME range are used for many applications in maritime shipping, on the industrial sector and in data processing. This is due to the high quality, the extensive equipment and the wide ranging application possibilities. The systems can be set for the most varied requirements via the 5-language menu.

There are systems with 1000, 1500, 2000, 3000 as well as 6000 and 10000 VA. The units with 2000 and 3000 VA are also available as a short version with a depth of 425 mm for for installation in industrial cabinets.

The operation and connections are mainly taken over from the previous model. The standard USB port, the emergency stop, the overvoltage protection and pre-fitting for network or relay card offer various applicatons. In addition to mains input and output cables there are also USB and RS232 cables in the scope of delivery. The suitable shutdown and monitoring software for all common operating systems will be delivered as well.

New is the modular extension. There are 3 basic versions. UPS electronic with integrated battery. A version without battery as well as a system without battery but - and that is unique on the UPS market -

with an integrated additional charger with 5 ampere charging current.

Up to 5 battery cabinets can be connected in order to achieve a longer autonomy time. Via an overview the necessary configurations can be taken from a list. With the required load and the required autonomy time it is possible to select a suitable combination.

You will find further information like manuals, photos, 3D-drawings, necessary certificates and technical/ commercial data sheets on our homepage.

### TYPES JOVYTEC PM E

	Measurements W x H x L [mm]	Weight [kg]	Autonomy times [min] at cos phi 0,7 100 / 75 / 50 / 25%
JOVYTEC PM E 1000	428 x 84 x 425	10,0	8 - 24 - 42 - 60
JOVYTEC PM E 1500	428 x 84 x 500	11,6	7 - 22 - 34 - 54
JOVYTEC PM E 2000	428 x 84 x 635	17,2	8 - 24 - 42 - 60
JOVYTEC PM E 3000	428 x 84 x 635	18,2	4 - 13 - 25 - 33
JOVYTEC PM E 2000K	428 x 84 x 425	10,1	8 - 24 - 24 - 60
JOVYTEC PM E 3000K	428 x 84 x 425	10,1	8 - 24 - 24 - 60

**TECHNICAL DATA**

	PM E 1000	PM E 1500	PM E 2000..	PM E 3000	PM E 2000K	PM E 3000K
Power	1000 VA	1500VA	2000VA	3000VA	2000VA	3000VA
cos phi 0,9 ind.	900W	1350W	1800W	2700W	1800W	2700W

**INPUT**

Efficiency	230 V standard, further efficiencies upon demand input voltage range: 168 - 276 V (0-100 % load) 140 - 159 V (0-70 % load) 120 - 139 V (0-40% load)					
Current	3 A	4 A	5,7 A	7,7 A		12 A
Phase	single phase					
Frequency	50 Hz / 60 Hz $\pm$ 3 Hz					
Efficiency	0,98					
Battery:	maintenance free, sealed lead-acid battery					
Direct current-link voltage	36 V	48 V	72 V	72 V	72V	96 V
Ext. fuses	D01/10 A				16 A	

**OUTPUT:**

Voltage	230 V standard (208/220/240 V adjustable via panel); further voltages on request					
Frequency	50 Hz / 60 Hz automatic adjustment by UPS system					
Efficiency	cos phi 0,9 ind.					
THD	<3% at linear load					
Overload behaviour	106-120 % for 30 sec. - 121-150 % for 10 sec					
Crest Factor	3:1					

**SETTING:**

Noise level in approx. 1 m distance	<45 dB(A)	<45 dB(A)	<50 dB(A)	<50 dB(A)	<50 dB(A)	<50 dB(A)
Temperature	0°C bis 40°C (15°C up to 25°C recommended, battery: 20°C)					
Humidity	0 % bis 95 %, no condensation					
Communication	RS 232-interface and USB					

**STANDARD EQUIPMENT:**

Electronic manual emergency shutdown  
External battery connection for future extension  
Power factor correction for sinusoidally power consumption  
Acknowledgeable buzzer for alarm messages and power failures  
USB and RS232 interface

**OPTIONS:**

Relay card, fixed connection, software, manual bypass,  
SNMP adapter, 19" mounting rail

**ONLINE UPS SYSTEM**

VFI /double conversion  
offer highest safety for the  
connected loads

**4 OPERATING MODES**

selectable via control panel

**ACTIVE POWER FACTOR CONTROL**

guarantees sinusoidal power  
consumption

**INTERFACES**

RS 232 interface, USB

**ALARM SIGNALS**

via acknowledgeable signal buzzer

**EASY BATTERY CHANGE**

on the front. Only a few steps and the  
complete battery can be exchanged  
during running operation

Extension of bridging times with  
additional batteries on request

Different versions on request

Fig. 1 JOVYTEC PM E 3000

