JOVYATLAS

Immer unter Strom

JOVYSTAR INDUSTRIE

PRODUCT LEAFLET

The assembly of all industrial UPS systems takes place in a customised way, entirely according to your requirements and requests. The installation of additional outputs or additional DC power supply as well as the type of cabinet, the colour, the position of further installations or more equipment features can be determined by the customer. As a matter of course comprehensive connection options to computer systems or to a central control station are available for these customised systems.

ONLINE UPS SYSTEM

As online systems (double converter, continuous transducers technology) JOVYSTAR INDUSTRY UPS systems protect against system interferences and failures of any kind in a secure and economic way.

ROBUST UPS-TECHNOLOGY FOR INDUSTRIAL APPLICATION

The various requirements and application areas in the industry require specific designs of UPS systems and necessitate customer-specific adaptations or developments of UPS systems. Whether it is ambient conditions deviating from the norm, shock or vibration loads or the installation of DC supply, patch panels or further additional installations: our engineers take into account your requests and requirements and create the respective professional and customised solution.

ASSEMBLY EASY TO SERVICE

All UPS systems of the JOVYSTAR INDUSTRY series are installed easy to service, thus all main structural components are exchangeable with little effort. Depending on the application the batteries can be fitted into an UPS cabinet or mounted into a battery cabinet adapted to the design of the UPS system.

TYPES JOVYSTAR INDUSTRIE

Single Phase 3/1 10-20 kVA	**Dimensions W x H x D [mm]**	**Weight [kg]**	**Autonomy times [min]***
JOVYSTAR INDUSTRIE 3/1-10-0	600 x 1970 x 800	235	0 - 13 - 35
JOVYSTAR INDUSTRIE 3/1-15-0	600 x 1970 x 800	235	0 - 6 - 20 - 30
JOVYSTAR INDUSTRIE 3/1-20-0	600 x 1970 x 800	245	0 - 5 - 13 - 20 - 35 - 60
Three Phases 3/3 10-150 kVA			
JOVYSTAR INDUSTRIE 3/3-10-0	600 x 1970 x 800	235	0 - 13 - 35
JOVYSTAR INDUSTRIE 3/3-15-0	600 x 1970 x 800	235	0 - 6 - 20 - 30
JOVYSTAR INDUSTRIE 3/3-20-0	600 x 1970 x 800	245	0 - 5 - 13 - 20 - 35 - 60
JOVYSTAR INDUSTRIE 3/3-30-0	600 x 1970 x 800	320	0 - 10 - 20 - 30
JOVYSTAR INDUSTRIE 3/3-40-0	600 x 1970 x 800	320	0 - 7 - 15 - 22 - 35
JOVYSTAR INDUSTRIE 3/3-60-0	800 x 2170 x 800	688	0 - 5 - 10 - 15 - 30
JOVYSTAR INDUSTRIE 3/3-80-0	800 x 2170 x 800	728	0 - 7 - 10 - 25 - 40
JOVYSTAR INDUSTRIE 3/3-100-0	1200 x 2170 x 800	918	0 - 4 - 8 - 20 - 30
JOVYSTAR INDUSTRIE 3/3-125-0	1200 x 2170 x 800	938	0 - 4 - 12 - 17 - 25
JOVYSTAR INDUSTRIE 3/3-150-0	1200 x 2170 x 800	1038	0 - 5 - 10 - 17 - 27

* further autonomy times on request

TECHNICAL DATA

	JOVYSTAR INDUSTRIE 3:1 10, 15, 20 kVA	JOVYSTAR INDUSTRIE 3:3 10, 15, 20, 30, 40, 60, 90, 100, 125, 150 kVA
INPUT:		
Voltage	3x400V/230V +15 % -20 % Bypass: 230 V	3x400V/230V + 15 % -20 %
Phases	3:1	3:3
Frequency	50 Hz / 60 Hz ± 5 Hz	
Effficiency	>0,99	
THD	<4 % (PFC)	
OUTPUT:		
Voltage	1 x 230 V	3 x 380/220V / 3 x 400/230V / 3 x 415/240V
	±1% static load ±2% static, asymmetric load ±5% dynamic load (load step 0 % -->100 % --> 0 %)	
Frequency	50 Hz (60 Hz)	
Effficiency	cos phi = 0,8 inductive	cos phi =0,8 inductive
THD	THD-U = < 2% lin. load , THD-U = < 5% bei crest factor 3:1	
Direct current link voltage	720 (2 x 360 V	
Short time load	125 % for 10 min. 200 % for 100 ms, 1000 % for 1 period via bypass	
Crest Factor	3:1	
SETTING:		
Protection Degree	IP 20	
Classification	VFI SS 111	
Temperature	UPS: 0°C up to +40°C battery: 0°C up to +25°C; optimal +20 °C	
Humidity	< 95 % (without condensation)	

COMMUNICATION:

All system data can be accessed via an RS 232 / USB interface - optional they can be transmitted via RS 485, SNMP adapter, Modbus adapter, Profibus or via other bus systems

ONLINE UPS SYSTEM
VFI /Double Converter Technology offers maximum safety for connected Consumer Loads

ROBUST INDUSTRIAL UPS
in a solid industrial housing

COMFORTABLE OPERATION
via menu-driven display and text output

RS 232 INTERFACE
for monitoring of all system data

PERFORMANCE INCREASE
via parallel connection of several systems feasible

STATIC BYPASS
manually and automatically switchable

Fig.1 JOVYSTAR INDUSTRIE