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ИБП Jovyatlas Jovytec PMS 2002K/3002K - брошюра на продукцию. Юниджет

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UPS Systems

JOVYATLAS POWERMASTER S2002K - S3002K

Application:

Power Supply Protection for PCs, networks, server systems etc.

JOVYATLAS POWERMASTER S2002K - S3002K

To meet the requirements of modern IT cabinets in an ideal way, JOVYATLAS has extended the highly successful 19-inch UPS range POWERMASTER S. Besides the UPS Systems PM S1002 with 1kVA and the PM S1502 with 1,5 kVA there are also the performance classes 2 kVA (PM S2002K) and 3 kVA (PM S3002K) with a reduced mounting depth of only 425 mm available.

Characteristic of the POWERMASTER - series is the most reliable technology in 19-inch technology. The UPS Series POWERMASTER S meet through its online double conversion technology the requirements of protection class VFI-SS-111. Each POWERMASTER UPS System is equipped with a fan control unit, connected to the output of the UPS, and with a so-called PFC (Power Factor Correction) that ensures sinusoidal power consumption. The output voltage is also sinusoidal with all POWERMASTER systems. All POWERMASTER series UPS Systems allow the selection between four different operating modes via operating panel: Online Mode, Green Mode, Free Running Mode, and Generator Mode. Green Mode can increase the efficiency of the POWERMASTER series systems up to more than 98%.



PM S2002K-20
UPS with two battery modules
(BATTERYPACKS)

UPS Systems type JOVYATLAS POWERMASTER 2002K and POWERMASTER 3002K need at least one battery pack for the batteries. To enhance the autonomy times several battery packs can be connected in parallel.

UPS Systems type JOVYATLAS POWERMASTER feature a charging device with a gentle treatment of the batteries. The operational panel shows informations about the battery state (battery diagnostic system).

UPS Systems

JOVYATLAS POWERMASTER S2002K - S3002K

Technical Data		PMS 2002K	PMS 3002K
Power cos phi 0,7 ind.		2000 VA/ 1400 W	3000 VA/ 2100 W
	voltage	230 V standard; further voltages on request input voltage ranges: 168 - 276 V (0-100 % load) 140 - 159 V (0-70 % load) 120 - 139 V (0-40 % load)	
Mains input	current	7,3 A	11 A
	phases	single-phased	
	frequency	50 Hz / 60 Hz ± 3 Hz	
	power factor	0,98	
	DC-voltage	72 V	
	Battery	autonomy time	see type table
type		sealed, lead acid	
charging time		<8 hrs for 90% charging	
Output	voltage	230V standard (208V /220V /240V selectable via panel)	
	frequency	automatic adjustment by ups system	
	power factor	cos phi 0,7 ind.	
	phases	single-phased	
	distortion factor	<3% at linear load	
	overload behaviour	100 up to 125 % for 60 s 125 - 150 % für 10 s	
	crest factor	3:1	
Efficiency	AC to AC	88 - 98 % depending to operation mode	
Switch-over behaviour	voltage failure	0 ms / online-ups	
	overload switch-over	automatic overload switch-over by ups system	
Noise level	approx. 1 m distance	<40 dB(A)	
Surrounding	temperature	0° C up to 40 ° C (15°C up to 25°C recommended, battery 20° C)	
	humidity	0 % up to 95 %, no condensation	
	storage	20°C recommended	
Operation mode		permanent online operation VFI-SS-111 (adjustable)	

Types JOVYATLAS POWERMASTER PMS 2002K - 3002K

	autonomy times [min]	dimensions h x w x d [mm]	weight [kg]
PM S 2002K - 0	0	2HU x 428 (19") x 425	10
PM S 2002K - 8	8	4HU x 428 (19") x 425	32.5
PM S 2002K - 20	20	6HU x 428(19") x 425	55
PM S 2002K - 30	30	8HU x 428 (19") x 425	77.5
PM S 3002K - 0	0	2HU x 428 (19") x 425	11
PM S 3002K - 5	5	4HU x 428 (19") x 425	33.5
PM S 3002K - 10	10	6HU x 428(19") x 425	56
PM S 3002K - 20	20	8HU x 428 (19") x 425	78.5

1HU= 44,45 mm