



DC-UPS Systems

Uninterrupted power supply for demanding applications. Output voltage range 12-440 Vdc and output current range 3-600 Adc.

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Technical data:

Electrical characteristics:	EVV thyristor controlled charger
Input voltage	230/400 VAC +/-10%
Output voltage range	12 - 440 Vdc
Output current range	3 - 600 Adc
Charging curve	IU
Float-charge voltage	1 - 1,2 x Un
Boost-charge voltage	1 - 1,2 x Un
Current limiting	0,7 - 1 x In
Ambient temperature	0 to +40°C
Static stability	< ± 1%
Output ripple voltage	< 4% without battery pack, < 1% with battery pack
Accessories:	
Mains switch with indicator light	X
Float-/boost-charge switch	X
Combined V/A meter	X
Automatic boost-charge	X
Common alarm relay for remote monitoring of alarms	X
Individual alarm relay outputs	option
Remote voltage measurement of battery pack terminals for compensating cable losses	X
Float-charging	X
Boost-charging	X
Additional output voltage filter (ripple below 1%)	option
Stepless current and/or voltage control with panel potentiometers	option
Monitoring/alarms:	
Overvoltage	X
Undervoltage	X
Output fuse fault	X
Mains/phase fault	X
Charger fault	X
Ground fault monitoring	X
Battery pack monitoring	option
Float-charge voltage monitoring (+/- 2%)	option
Charge voltage temperature compensation	option
Battery pack	Maintenance-free batteries. Capacity according to customer specifications.
Distribution (MCB, fuse link or switch fuse)	Number and size according to customer specifications.
Standards:	
Design/electrical	IEC 60146-1-1, IEC 60146-1-3
EMC	IEC 61000-6-2, IEC 61000-6-4 and IEC 61000-6-5



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