

Uninterruptible power supply

Polaris 30-160 KVA



40 kVA system with air conditioner

Uninterruptible power supply



60 KVA system with additional cabinet for voltage adjustment

Uninterruptible power supply

- ❖ Outputs from 30 kVA to 160 kVA
- ❖ Plain text display (various languages)
- ❖ Bridging time 12 min. (Standard version 10th year of Eurobat)
Longer bridging times on request
- ❖ Standard cabinet from Rittal 600 x 600 x 2200 mm including base or in modular cabinet for longer bridging times
- ❖ Space reserve for distributor, isolating transformer for bypass or bypass switch with external battery cabinet
- ❖ Redundant operation with second UPS possible, also for power increase in parallel operation
- ❖ Standard cooling by fan, in difficult environmental conditions by air conditioner
- ❖ Service-friendly design
- ❖ Systems are also available in stainless steel version, e.g. pharmaceutical or food applications
- ❖ Degree of protection with air conditioner IP54 internal circuit, IP34 external circuit, IP54 with filter mats
- ❖ SNMP optionally available
- ❖ All connections available on plugs (low installation costs)

Technical specifications

Power factor Cos φ	0.9
Input	3 phases + N 380/400/415 VAC +/- 10%
Permitted variations	50/60 Hz +/- 10%
Output	3 phases + N 380/400/415 VAC +/- 1%
Rated frequency output	50/60 Hz
Accuracy	+/- 0.005 Hz
Input harmonic distortion	<3%
Efficiency	> 97% even with partial load in online mode

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Complete system as on page 1, but without air conditioning but with fan

UPS-MODEL	30 kVA	40 kVA	60 kVA
Type Number	1900053	1800748	1900016
Power in kVA	30	40	60
Power in kW	27	36	54

UPS-MODEL	80 kVA	90 kVA	120 kVA	160 kVA
Type Number	1800831	1800832	1800833	1800834
Power in kVA	80	90	120	160
Power in kW	72	81	108	144

Individually available components



UPS wall module 60 kVA in sheet steel housing

Switchboard

10kVA Article- No. 1900051
 15kVA Article- No. 1900050
 20kVA Article- No. 1900049
 30kVA Article- No. 1900048
 40kVA Article- No. 1900047
 60kVA Article- No. 1900046

Higher performance through parallel connection

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Battery drawer 2
Article- No. 1800836

Battery drawer 3
Article- No. 1800835



Slide rail Article- No. 1800837

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Batteries 12V 17 Ah (40 pieces per system) Article number 1800623

Battery cable set Article number 1800838

Battery connection Article number 1800839



Machine adjustable feet MF-GS080 x 038 Article- No. 1500272

Article list (Price on request)

Article	Article- No.
UPS- Model 30 kVA	1900053
UPS- Model 40 kVA	1800748
UPS- Model 60 kVA	1900016
UPS- Model 80 kVA	1800831
UPS- Model 90 kVA	1800832
UPS- Model 120 kVA	1800833
UPS- Model 160 kVA	1800834
Switchboard 10 kVA	1900051
Switchboard 15 kVA	1900050
Switchboard 20 kVA	1900049
Switchboard 30 kVA	1900048
Switchboard 40 kVA	1900047
Switchboard 60 kVA	1900046
Battery drawer 2	1800836
Battery drawer 3	1800835
Slide rail	1800837
Batteries 12V 17 Ah	1800623
Battery cable set	1800838
Battery connection	1800839
Machine adjustable feet	1500272

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