

KSTAR Memopower Plus II

Double conversion true-online UPS

6000 – 10000 VA



The Memopower Plus II convertible double conversion online UPS series, featured with 3-level charging method, high input & output power factors, up to 90% conversion efficiency, superior input voltage window for energy saving, estimated remaining time and ECO mode, is an ideal solution to your computer center, network center, communication system, automatic control system or other critical systems, which is demanding a thorough protection.

Power protection suitable for:

- IT and networking environments
- Servers
- Telecommunications and VoIP
- Security systems
- Automatic control systems
- Manufacturing systems
- Various other critical systems

Features

- Rack/Tower convertible design
- Supports economic operation (ECO) mode
- Flexible system configuration
- Adjustable battery voltage
- LCD display with multifunction
- Temperature controlled fan parameter settings
- Matching batterypack with powerful charger
- Hot swappable battery built in
- N+X parallel redundancy
- Common battery when UPS in parallel mode
- Online double conversion with DSP control
- Versatile communication interfaces available
- High powerfactor
- Estimated remaining charging time on LCD
- Efficiency up to 93,5% display
- Low input current distortion
- Optional centralized monitor function
- Settable charge current

High performance

- Double conversion topology. The Memopower Plus II series constantly monitors the condition of ingoing power and regulates voltage and frequency for a stable output.
- The UPS's output remains within 2% of the nominal voltage, even when experiencing severe power problems.
- High efficiency (>90%) and power factor (0,9).

Reliable and eco-friendly

- Standard equipped with an internal bypass allowing continued service in case of an internal fault. Optional external bypass for easy maintenance without having to power down critical systems.
- Hot-swappable batteries, intelligent charging method and optional powerful charger.
- Possibility of adding extra runtime with external battery modules.
- Efficiency up to 93,5% in eco-mode.

Versatile and space-saving

- Low profile formfactor.
- Easily convert from tower to rackmount model, complete with rotating LCD display.
- Low weight and low noise.

Technical specifications KSTAR Memopower Plus II

Double conversion true-online UPS / 6000 – 10000 VA

GENERAL	
User interface	LCD display in English language
LEDs	Four status-indicating LEDs: load/battery/input/output
Topology	True online, double conversion
Diagnostics	Upon power-on and software controlled
UPS bypass	Automatic bypass
ELECTRICAL INPUT	
Nominal voltage	200-240Vac or 380-414Vac
Voltage range	120-276Vac or 208-478Vac
Frequency range	45Hz-55Hz or 55Hz-66Hz
ELECTRICAL OUTPUT	
Power factor	>0,9
Voltage	±1% of nominal regulation
Frequency	50Hz
Frequency regulation	±0,1% online
Load crest factor	3:1
COMMUNICATIONS	
Ports	RS232 and USB
Optional communication cards	SNMP card for monitoring through web browser interface Relay interface card for communication and control software
ENVIRONMENTAL	
Safety markings	CE, IEC 62040-2, IEC 62040 1-1
Audible noise	<55 dB (at 1 meter)
Operating temperature	0°C to +40°C
Storage temperature	With batteries: -25°C to +40°C Without batteries: -25°C to +55°C
Humidity	0 to 90% non-condensing



DESCRIPTION	INPUT/OUTPUT PHASE	RATING (VA/WATTS)	INPUT CONNECTION	OUTPUT CONNECTION	DIMENSIONS, MM (W X D X H)	WEIGHT, KG
RTII 6K 1P	1/1	6000 / 5400	Hardwired	HW, 2 x C13	440 x 720 x 131 (3u)	23
RTII 10K 1P	1/1	10.000 / 9000	Hardwired	HW, 2 x C13	440 x 720 x 131 (3u)	25
RTII 6K 3P	3/1	6000 / 5400	Hardwired	HW, 2 x C13	440 x 720 x 131 (3u)	28
RTII 10K 3P	3/1	10.000 / 9000	Hardwired	HW, 2 x C13	440 x 720 x 131 (3u)	30

Kstar Memopower RTII 6 kVA

LOAD	UPS (0 STRINGS)	+1 EBM (4 STRINGS)	+2 EBM'S (5 STRINGS)	+3 EBM'S (6 STRINGS)	+4 EBM'S (8 STRINGS)
100%	-	8	22	35	55
75%	-	15	35	60	80
50%	-	25	60	95	130
25%	-	60	130	230	300

*The backup time is expressed in minutes, calculated with power factor 0.9

Kstar Memopower RTII 10 kVA

LOAD	UPS (0 STRINGS)	+1 EBM (4 STRINGS)	+2 EBM'S (5 STRINGS)	+3 EBM'S (6 STRINGS)	+4 EBM'S (8 STRINGS)
100%	-	5	12	21	32
75%	-	7	14	30	45
50%	-	12	31	50	70
25%	-	31	50	120	240

*The backup time is expressed in minutes, calculated with power factor 0.9

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