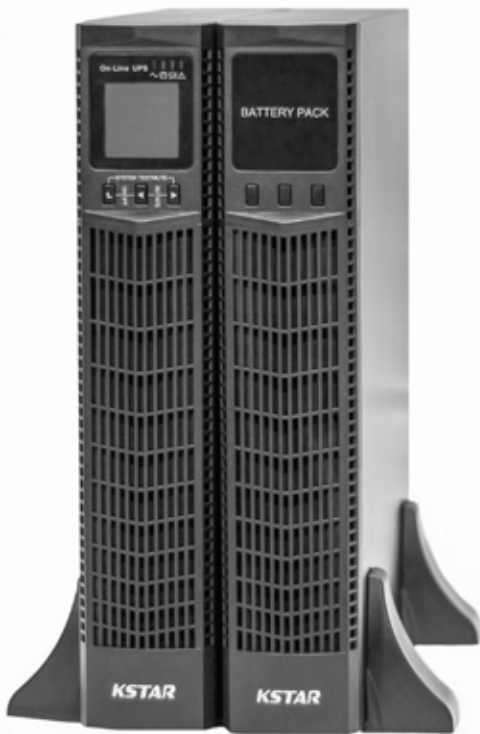


KSTAR Memopower Plus II

Double conversion true-online UPS

1500 – 3000 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
- Efficiency up to 90%
- Patented rotated mimic LCD display
- Estimated remaining time displayed on the LCD
- True Online Double Conversion
- Support Economic (ECO) Operation Mode
- High output power factor
- Matching battery pack
- Charger/Fan status on the LCD display
- Optional powerful charger
- Green concept design for energy saving
- Emergency power-off
- Hot-swappable battery
- 3-level intelligent charging method

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 94% 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 / 1500 – 3000 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	200-240V
Voltage range	200-240Vac
Frequency range	45Hz – 65Hz
ELECTRICAL OUTPUT	
Power factor	0,9
Voltage	±2% of nominal regulation
Frequency	50Hz or 60Hz (Synchronized to mains)
Frequency regulation	±0,02Hz 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	<50 dB (at 1 meter)
Ambient operating	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
PROTECTION	
Overload AC Mode	Load<100%~150%:30S; Load>150% 300ms then shut down UPS completely
Overload Battery Mode	Load<100%~150%:30S; Load>150% 300ms then shut down UPS completely
Overload Bypass Mode	Load>130%: 60S then shut down output
Short Circuit	Hold whole system
Overheat	Line Mode: Switch to bypass; Battery Mode: shut down UPS immediately
Self-diagnostics	Upon power-on and software control
EPO	Shut down UPS immediately



DESCRIPTION	INTERNAL BATTERIES	MAX. AMOUNT OF EBM'S	INPUT CONNECTION	OUTPUT CONNECTION	BATTERY TYPE	MAX. CHARGE CURRENT	DIMENSIONS, MM (W X D X H)	WEIGHT, KG
RTII BR06009 1,5kVA	6	4	C14	6 x C13	12V 9AH	2A	440 x 430 x 86,5 (2u)	15
RTII BR12009 3kVA	12	4	C20	6 x C13, 1 x C19	12V 9AH	2A	440 x 572 x 86,5 (2u)	32

Kstar Memopower RTII 1,5 kVA

LOAD	UPS (1 STRINGS)	+1 EBM (3 STRINGS)	+2 EBM'S (5 STRINGS)	+3 EBM'S (7 STRINGS)	+4 EBM'S (9 STRINGS)
100%	4	16	34	50	65
75%	5	21	70	90	120
50%	11	47	80	150	180
25%	30	110	210	350	420

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

Kstar Memopower RTII 3 kVA

LOAD	UPS (1 STRINGS)	+1 EBM (3 STRINGS)	+2 EBM'S (5 STRINGS)	+3 EBM'S (7 STRINGS)	+4 EBM'S (9 STRINGS)
100%	3	15	35	45	65
75%	4	19	65	90	110
50%	10	45	80	140	160
25%	30	120	210	340	420

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

Elinex Power Solutions

Wolweverstraat 15, 2984 CE Ridderkerk, The Netherlands

W : www.Elinex.com/Kstar, E : Sales@Elinex.com, T : +31 (0)180 - 721 359

