

ONLINE DOUBLE CONVERSION WITH PURE SINE WAVE

FEATURES

- without internal batteries, cold start
- internal charger 3 A / 6 A or 1 A / 3 A / 5 A / 8 A for connecting external battery pack
- RACK 19" (2U or 3U height) or tower
- single-phase input / output, 230 V AC, 50 Hz, PF=0,9
- pure sine wave output - mains supply mode
- pure sine wave output - inverter mode
- automatic voltage regulator - AVR
- VFI-SS-111
- IEC C13 output sockets
- USB port
- EPO switch (option)
- relay contacts card & SNMP (option)



APPLICATIONS

- medium and high power telecommunication systems
- desktop computers
- data processing systems
- control systems
- servers (Data Center)

MODEL	POWER	VOLTAGE	DIMENSIONS	CHARGER	SOCKETS
RTS-ON-1k0-2U-LCD-BC24	1000 VA / 900 W	230 VAC	440x445x88 mm	24 V, 3 A / 6 A	4x IEC C13
RTS-ON-2k0-2U-LCD-BC48	2000 VA / 1800 W	230 VAC	440x445x88 mm	48 V, 3 A / 6 A	4x IEC C13
RTS-ON-3k0-2U-LCD-BC72	3000 VA / 2700 W	230 VAC	440x445x88 mm	72 V, 3 A / 6 A	4x IEC C13
RTS11-ON-6k0-3U-LCD-BC192	6000 VA / 5400 W	230 VAC	440x555x132 mm	192 V, 1 A / 3 A / 5 A / 8 A	screw terminal
RTS11-ON-10k0-3U-LCD-BC192	10000 VA / 9000 W	230 VAC	440x555x132 mm	192 V, 1 A / 3 A / 5 A / 8 A	screw terminal
TS1-ON-1k0-MC-BC36	1000 VA / 900 W	230 VAC	144x336x214 mm	36 V, 3 A / 6 A	3x IEC C13
TS1-ON-2k0-MC-BC72	2000 VA / 1800 W	230 VAC	191x418x332 mm	72 V, 3 A / 6 A	6x IEC C13
TS1-ON-3k0-MC-BC96	3000 VA / 2700 W	230 VAC	191x418x332 mm	96 V, 3 A / 6 A	6x IEC C13

FEATURES

- VRLA AGM technology
- design life of 6-9 years
- ideal for buffer work, dedicated to work in UPS
- standard dimensions, connector width of 6.3mm
- working at 20-25°C



MODEL	VOLTAGE	CAPACITY	SERVICE LIFE	DISMENSIONS L x W x H	WEIGHT	TERMINAL TYPE
IPS 5-12L	12 V	6 Ah 213 W / 10 min	6-9 years	90x70x106 mm	2.10 kg	Faston 250
IPS 7.2-12L	12 V	7.2 Ah	6-9 years	151x65x100 mm	2.45 kg	Faston 250
IPSH 9-12L	12 V	9 Ah 290 W / 10 min	6-9 years	151x65x100 mm	2.75 kg	Faston 250
IPS 12-12L	12 V	12 Ah	6-9 years	151x98x100 mm	3.90 kg	Faston 250

PURE SINE HOME INVERTERS WITH UPS FUNCTION

FEATURES

- standalone housing or standalone
- pure sine wave output
- synchronize the output voltage to the mains
- work with plenty battery types
- co-operation with resistive, inductive, capacitive loads

APPLICATIONS

- home appliance
- central heating and hot water systems
- garage doors, actuators, blinds



MODEL	POWER	VOLTAGE	DIMENSIONS	CHARGER	SOCKETS
IPS300-SIN-WM	300 VA / 300 W	230 VAC	400x210x127 mm	12 V, 1 A - 15 A	2x Schuko
IPS600-SIN-WM	600 VA / 600 W	230 VAC	490x290x195 mm	12 V, 1 A - 30 A	2x Schuko

FEATURES

- standalone housing
- pure sine wave output
- automatic voltage regulator - AVR
- work with plenty battery types, interactive menu (14 function available)
- additional input DC +5V +12V +24V, possibility of cooperation with PV panel (IPS300-SIN-DC)

APPLICATIONS

- desktop computers
- central heating and solar systems
- garage doors, actuators, blinds, CCTV, emergency lighting



MODEL	POWER	VOLTAGE	DIMENSIONS	CHARGER	SOCKETS
IPS300-SIN	300 VA / 300 W	230 VAC	293x280x160 mm	12 V, 1 A - 15 A	2x Schuko
IPS300-SIN-DC	300 VA / 300 W	230 VAC	293x280x160 mm	12 V, 1 A - 15 A	2x Schuko
IPS600-SIN	600 VA / 600 W	230 VAC	293x280x160 mm	12 V, 1 A - 30 A	2x Schuko
IPS1000-SIN	1000 VA / 1000 W	230 VAC	293x280x160 mm	12 V, 1A - 40 A	2x Schuko
IPS1600-SIN	1600 VA / 1600 W	230 VAC	293x497x209 mm	24 V, 1A - 40 A	2x schuko
IPS2500-SIN	2500 VA / 2500 W	230 VAC	293x497x209 mm	24 V, 1 A - 50 A	screw term
IPS3600-SIN	3600 VA / 3600 W	230 VAC	293x497x209 mm	24 V, 1 A - 60 A	screw term

ACCESSORIES

- MW Power batteries
- battery racks
- connectors, wires
- power distributors
- RACK 19"
- expansion cards
- battery cabinets
- SNMP control



IPS

INTELLIGENT POWER SOURCES

2017



UNINTERRUPTIBLE POWER SUPPLY UPS

DISTRIBUTOR

LINE-INTEACTIVE WITH MODIFIED SINE WAVE

FEATURES

- built-in AGM batteries, cold start
- tower case, desktop case
- single-phase input / output, 230 V AC, 50 Hz, PF=0,6
- pure sine wave output - mains supply mode
- modified sine wave output - inverter mode
- automatic voltage regulator - AVR
- Schuko output sockets

APPLICATIONS

- low power telecommunication systems
- desktop computers
- CCTV, access control & IDS systems
- devices with switching power supply



MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
TM-LI-0k6-PC-1x7	600 VA / 360 W	230 VAC	100x320x165 mm	2 / 5 / 8 min*	1x12 V / 7 Ah	2x Schuko
TM-LI-0k8-MC-1x9	800 VA / 480 W	230 VAC	95x325x160 mm	2 / 5 / 8 min*	1x12 V / 9 Ah	2x Schuko
TM-LI-1k2-PC-2x7	1200 VA / 720 W	230 VAC	140x347x170 mm	2 / 5 / 8 min*	2x12 V / 7 Ah	3x Schuko
TM-LI-2k0-MC-2x9	2000 VA / 1200 W	230 VAC	220x380x125 mm	2 / 5 / 8 min*	2x12 V / 9 Ah	3x Schuko

MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
DM-LI-0k6-PC-1x7	600 VA / 360 W	230 VAC	183x275x100 mm	2 / 5 / 8 min*	1x12 V / 7 Ah	3x Schuko (UPS mode) 3x Schuko (surge protection)
DM-LI-0k6-PC-1x9	600 VA / 360 W	230 VAC	183x275x100 mm	2 / 7 / 10 min*	1x12 V / 9 Ah	3x Schuko (UPS mode) 3x Schuko (surge protection)

FEATURES

- built-in AGM batteries, cold start
- RACK 19" (2U or 3U height)
- single-phase input / output, 230 V AC, 50 Hz, PF=0,6
- pure sine wave output - mains supply mode
- modified sine wave output - inverter mode
- automatic voltage regulator - AVR
- Schuko output sockets, USB port (option)

APPLICATIONS

- low power telecommunication systems
- desktop computers
- CCTV, access control & IDS systems
- devices with switching power supply



MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
RM-LI-0k6-2U-LCD-1x7	600 VA / 360 W	230 VAC	438x307x88 mm	2 / 5 / 8 min*	1x12 V / 7 Ah	2x Schuko
RM-LI-1k2-2U-LCD-2x7	1200 VA / 720 W	230 VAC	438x307x88 mm	2 / 5 / 8 min*	2x12 V / 7 Ah	2x Schuko
RM-LI-2k0-3U-LCD-2x9	2000 VA / 1200 W	230 VAC	437x307x132 mm	2 / 5 / 8 min*	2x12 V / 9 Ah	2x Schuko

LINE-INTEACTIVE WITH PURE SINE WAVE

FEATURES

- built-in AGM batteries, cold start
- tower case
- single-phase input / output, 230 V AC, 50 Hz, PF=0,8
- pure sine wave output - mains supply mode
- pure sine wave output - inverter mode
- automatic voltage regulator - AVR
- IEC C13 output sockets
- USB port
- possibility of connecting multiple battery packs

APPLICATIONS

- low power telecommunication systems
- desktop computers
- CCTV, access control & IDS systems
- devices with switching power supply
- motor drives



MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
TS1-LI-1k0-MC-LCD-2x7	1000 VA / 800 W	230 VAC	144x246,5x215 mm	2 / 4 / 7 min*	2x12 V / 7 Ah	3x IEC C13
TS1-LI-2k0-MC-LCD-3x9	2000 VA / 1600 W	230 VAC	144x411,5x215 mm	2 / 4 / 7 min*	3x12 V / 9 Ah	6x IEC C13
TS1-LI-3k0-MC-LCD-4x9	3000 VA / 2400 W	230 VAC	320x592x462 mm	2 / 4 / 7 min*	4x12 V / 9 Ah	6x IEC C13

FEATURES

- built-in AGM batteries, cold start
- RACK 19" (2U or 3U height) or tower
- single-phase input / output, 230 V AC, 50 Hz, PF=0,8
- pure sine wave output - mains supply mode
- pure sine wave output - inverter mode
- automatic voltage regulator - AVR
- IEC C13 output sockets
- USB port
- EPO switch (option)
- possibility of connecting multiple battery packs

APPLICATIONS

- medium and high power telecommunication systems
- desktop computers
- CCTV, access control & IDS systems
- devices with switching power supply
- motor drives
- data processing systems



MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
RTS-LI-1k0-2U-LCD-2x7	1000 VA / 800 W	230 VAC	440x330x88 mm	2 / 4 / 7 min*	2x12 V / 7 Ah	3x IEC C13
RTS-LI-1k5-3U-LCD-2x9	1500 VA / 1200 W	230 VAC	440x410x132 mm	2 / 4 / 7 min*	2x12 V / 9 Ah	6x IEC C13
RTS-LI-2k0-3U-LCD-3x9	2000 VA / 1600 W	230 VAC	440x410x132 mm	2 / 4 / 7 min*	3x12 V / 9 Ah	6x IEC C13
RTS-LI-3k0-3U-LCD-4x9	3000 VA / 2400 W	230 VAC	440x410x132 mm	2 / 4 / 7 min*	4x12 V / 9 Ah	6x IEC C13

ONLINE DOUBLE CONVERSION WITH PURE SINE WAVE

FEATURES

- built-in AGM batteries, cold start
- tower case
- single-phase input / output, 230 V AC, 50 Hz, PF=0,9
- pure sine wave output - mains supply mode
- pure sine wave output - inverter mode
- automatic voltage regulator - AVR
- VFI-SS-111
- IEC C13 output sockets
- USB port
- EPO switch (option)
- relay contacts card & SNMP (option)
- possibility of connecting multiple battery packs

APPLICATIONS

- medium and high power telecommunication systems
- desktop computers
- data processing systems
- control systems
- servers (Data Center)



Built in MW Power AGM batteries

MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
TS1-ON-1k0-MC-3x9	1000 VA / 900 W	230 VAC	144x336x214 mm	5 / 9 / 16 min*	3x12 V / 9 Ah	3x IEC C13
TS1-ON-2k0-MC-6x9	2000 VA / 1800 W	230 VAC	191x418x332 mm	5 / 9 / 16 min*	6x12 V / 9 Ah	6x IEC C13
TS1-ON-3k0-MC-8x9	3000VA / 2700W	230 VAC	191x418x332 mm	4 / 7 / 12 min*	8x12V / 9 Ah	6x IEC C13
TS11-ON-6k0-MC-16x7	6000VA / 5400W	230 VAC	191x462x710 mm	3 / 5 / 10 min*	16x12V / 7Ah	screw terminal
TS11-ON-10k0-MC-16x9	10000 VA / 9000 W	230 VAC	191x462x710 mm	2 / 3 / 7 min*	16x12 V / 9 Ah	screw terminal

FEATURES

- built-in AGM batteries, cold start
- RACK 19" (2U height) or tower
- single-phase input / output, 230 V AC, 50 Hz, PF=0,9
- pure sine wave output - mains supply mode
- pure sine wave output - inverter mode
- automatic voltage regulator - AVR
- VFI-SS-111
- IEC C13 output sockets
- USB port
- EPO switch (option)
- relay contacts card & SNMP (option)

APPLICATIONS

- medium and high power telecommunication systems
- desktop computers
- data processing systems
- control systems
- servers (Data Center)



MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
RTS-ON-1k0-2U-2x9	1000 VA / 900 W	230 VAC	440x445x88 mm	3 / 6 / 9 min*	2x12 V / 9 Ah	4x IEC C13
RTS-ON-2k0-2U-4x9	2000 VA / 1800 W	230 VAC	440x690x88 mm	3 / 6 / 9 min*	4x12 V / 9 Ah	4x IEC C13
RTS-ON-3k0-2U-6x9	3000 VA / 2700 W	230 VAC	440x690x88 mm	3 / 6 / 9 min*	6x12 V / 9 Ah	4x IEC C13
RTS-ON-0k6-3U+ KU-BAT-3URT-16x7-BC192	6000 VA / 5400 W	230 VAC	440x580x132 mm (UPS) 440x580x132 mm (BAT)	3 / 5 / 10 min*	16x12V / 7Ah	4x IEC C13
RTS11-ON-10k0-3U+ KU-BAT-3URT-16x7-BC192	10000 VA / 9000 W	230 VAC	440x580x132 mm (UPS) 440x580x132 mm (BAT)	2 / 3 / 7 min*	16x12 V / 79 Ah	4x IEC C13