

2022



IPS

INTELLIGENT POWER SOURCES

www.ips-ups.eu / info@ips-ups.eu



**UNINTERRUPTIBLE
POWER SUPPLY
(UPS)**

LINE-INTERACTIVE 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 or IEC 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	90×305×165 mm	2 / 5 / 8 / 10 min*	1×12 V / 7 Ah	2× Schuko
TM-LI-0k8-MC-1x9 TM-LI-0k8-MC-1x9-IEC	800 VA / 480 W	230 VAC	95×325×160 mm	2 / 5 / 8 min*	1×12 V / 9 Ah	2× Schuko 2× IEC C13
TM-LI-1k2-PC-2x7	1200 VA / 720 W	230 VAC	140×347×170 mm	2 / 5 / 8 min*	2×12 V / 7 Ah	3× Schuko
TM-LI-2k0-MC-2x9 TM-LI-2k0-MC-2x9-IEC TM-LI-2k0-MC-2x7-IEC	2000 VA / 1200 W	230 VAC	220×380×125 mm	2 / 5 / 8 min*	2×12 V / 9 Ah 2×12 V / 9 Ah 2×12 V / 2x7Ah	2× Schuko 2× IEC C13 2× IEC C13
TM-LI-3k0-MC-4x9-IEC	3000 VA / 1800 W	230 VAC	157.5×452×211 mm	2 / 5 / 6 min*	4×9 Ah	4× IEC C13
TM-LI-OfficePRO-600	600 VA / 360 W	230 VAC	90×305×1165 mm	1 / 5 / 8 min*	2×12 V / 7 Ah	2× Schuko
TM-LI-OfficePRO-1200	1200 VA / 720 W	230 VAC	115×320×220 mm	1 / 5 / 8 min*	2×12 V / 7 Ah	2× Schuko

MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
DM1-LI-0k6-PC-1x7	600 VA / 360 W	230 VAC	183×275×100 mm	2 / 5 / 8 min*	1×12 V / 7 Ah	4× Schuko (UPS mode) 4× 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



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-1k2-2U-LCD-2x7	1200 VA / 720 W	230 VAC	438×307×88 mm	2 / 5 / 8 min*	2×12 V / 7 Ah	2× Schuko
RM-LI-2k0-3U-LCD-2x9	2000 VA / 1200 W	230 VAC	437×307×132 mm	2 / 5 / 8 min*	2×12 V / 9 Ah	2× Schuko

LINE-INTERACTIVE 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
TSI-LI-1k0-MC-LCD-2*7	1000 VA / 800 W	230 VAC	144*246.5*215 mm	2 / 4 / 7 min*	2*12 V / 7 Ah	3* IEC C13
TSI-LI-2k0-MC-LCD-3*9	2000 VA / 1600 W	230 VAC	144*411.5*215 mm	2 / 4 / 7 min*	3*12 V / 9 Ah	3* IEC C13
TSI-LI-3k0-MC-LCD-4*9	3000 VA / 2400 W	230 VAC	320*592*462 mm	2 / 4 / 7 min*	4*12 V / 9 Ah	6* IEC C13
TSI-LI-1k0-MC-BC24	1000 VA / 800 W	230 VAC	144*246.5*215 mm	-	24V / 1-15A charger	3* IEC C13
TSI-LI-2k0-MC-BC48	2000 VA / 1600 W	230 VAC	144*411.5*215 mm	-	48 V / 1-20 A charger	3* IEC C13
TSI-LI-3k0-MC-BC48	3000 VA / 2400 W	230 VAC	320*592*462 mm	-	48 V / 1-25 A charger	6* 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
- 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-2*7	1000 VA / 800 W	230 VAC	440*330*88 mm	2 / 4 / 7 min*	2*12 V / 7 Ah	3* IEC C13
RTS-LI-1k5-3U-LCD-2*9	1500 VA / 1200 W	230 VAC	440*410*132 mm	2 / 4 / 7 min*	2*12 V / 9 Ah	6* IEC C13
RTS-LI-2k0-3U-LCD-3*9	2000 VA / 1600 W	230 VAC	440*410*132 mm	2 / 4 / 7 min*	3*12 V / 9 Ah	6* IEC C13
RTS-LI-3k0-3U-LCD-4*9	3000 VA / 2400 W	230 VAC	440*410*132 mm	2 / 4 / 7 min*	4*12 V / 9 Ah	6* 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



Built in MW Power AGM batteries

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
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	3000 VA / 2700 W	230 VAC	191x418x332 mm	4 / 7 / 12 min*	8x12 V / 9 Ah	6x IEC C13
WAKSPower11-G4-06k0-5	6 kVA / 6 kW	230V / 230 V	191x465x711 mm	3 / 5 / 10 min*	16x12 V / 7Ah	Screw terminal
WAKSPower11-G4-10k0-4	10 kVA / 10 kW	230V / 230 V	191x465x711 mm	2 / 3 / 7 min*	16x9 V / 9 Ah	Screw terminal

FEATURES

- HOT SWAP BATTERY REPLACEMENT
- 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
RTS11-ON-1k0-2U-2x9	1000 VA / 900 W	230 VAC	440x445x88 mm	3 / 6 / 9 min*	2x12 V / 9 Ah	6x IEC C13
RTS11-ON-2k0-2U-4x9	2000 VA / 1800 W	230 VAC	440x690x88 mm	3 / 6 / 9 min*	4x12 V / 9 Ah	8x IEC C13
RTS11-ON-3k0-2U-6x9	3000 VA / 2700 W	230 VAC	440x690x88 mm	3 / 6 / 9 min*	6x12 V / 9 Ah	8x IEC C13
WAKSPower11-G4-06k0-RT-BC192	6 kVA / 6 kW	230 Vac / 230 Vac	440x660 mmx3U	5-120 min	External	Screw terminal
WAKSPower11-G4-10k0-RT-BC192	10 kVA / 10 kW	230 Vac / 230 Vac	440x660 mmx3U	5-120 min	External	Screw terminal

THREE-PHASE OUTPUT ONLINE UPS

FEATURES

- active power factor correction (APFC), input power factor up to 0.99
- 5" colorful touch screen display, friendly human-machine interface
- DSP digital control technology
- output power factor 0.9
- cold start
- dual input
- wide input voltage range (190V ~ 485V)
- Auto sensing frequency
- 50 / 60Hz frequency conversion mode
- work efficiency up to 98% in ECO mode
- flexible battery configuration for using 14/16/18/20 pcs batteries
- doubling the battery charging speed, 90% capacity restored in 4 hours (standard model UPS)
- advanced battery management (ABM), automatic floating / equalizing charge control, charger dormancy control
- standard emergency power off (EPO)
- standard maintenance bypass
- optional N+X redundancy parallel up to 6 units



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
TS33-ON-10k0-MC	10 kVA / 9 kW	3x400 Vac	350×785×858 mm	5 - 120 min	Internal or external	Screw terminal
TS33-ON-15k0-MC	15 kVA / 13,5 kW	3x400 Vac	350×785×1078 mm	5 - 120 min	Internal or external	Screw terminal
TS33-ON-20k0-MC	20 kW / 18 kW	3x400 Vac	350×785×1078 mm	5 - 120 min	Internal or external	Screw terminal
TS33-ON-30k0-MC	30 kW / 27 kW	3x400 Vac	350×785×1078 mm	5 - 120 min	Internal or external	Screw terminal
TS31-ON-6k0-MC	6 kVA / 6 kW	3x400 VA / 1x230 V	191×495×711 mm	5-30 min	Internal or external	Screw terminal
TS31-ON-10k0-MC	10 kVA / 10 kW	3x400 VA / 1x230 V	191×495×711 mm	5 - 30 min	Internal or external	Screw terminal
TS31-ON-15k0-MC	15 kVA / 15 kW	3x400 VA / 1x230 V	191×495×515 mm	5 - 30 min	External	Screw terminal
TS31-ON-20k0-MC	20 kVA / 20 kW	3x400 VA / 1x230 V	191×495×515 mm	5 - 30 min	External	Screw terminal
WAKSPOWER33-G4-40K0	40 kW / 40 kVA	3x400 Vac	450×940×1055 mm	5 - 120 min	External	Screw terminal
WAKSPOWER33-G4-60K0	60 kW / 60 kVA	3x400 Vac	450×940×1120 mm	5 - 120 min	External	Screw terminal

FEATURES

- dedicated for LIFT system cabinets
- intelligents battery management
- LED or LCD function display
- cold start
- protections and auto-recovery

APPLICATIONS

- lift & elevator system cabinets



MODEL	RATED POWER	VOLTAGE	TPOLOGY	BATTERY	SOCKETS
LiftUPS-1k5-3LED	1k5 / 900 W	230 VAC	line-interactive	External 5x12V/5-9Ah	Screw terminal
LiftUPS-1k5-6LED	1k5 / 900 W	230 VAC	line-interactive	External 5x12V/5-9Ah	Screw terminal
LiftUPS-1k5-LCD	1k5 / 900 W	230 VAC	line-interactive	External 5x12V/5-9Ah	Screw terminal

PURE SINE HOME INVERTERS WITH UPS FUNCTION & UPS TO THE LIFTS

FEATURES

- standalone housing or standalone
- pure sine wave output
- synchronize the output voltage to the mains
- work with plenty battery types
- cooperation 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 IPS300-SIN-WM-F2	300 VA / 300 W	230 VAC	400×210×127 mm	12 V, 1 A - 15 A	2× French 2× Schuko
IPS600-SIN-WM IPS600-SIN-WM-F2	600 VA / 600 W	230 VAC	490×290×195 mm	12 V, 1 A - 30 A	2× French 2× 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
IPS1000-SIN	1000 VA / 1000 W	230 VAC	293×280×160 mm	12 V, 1A - 40 A	2× F
IPS1600-SIN	1600 VA / 1600 W	230 VAC	293×497×209 mm	24 V, 1A - 40 A	2× F
IPS2500-SIN-WM	2500 VA / 2500 W	230 VAC	293×497×209 mm	24 V, 1 A - 50 A	Screw terminal
IPS3500-SIN-WM	3500 VA / 3600 W	230 VAC	293×497×209 mm	24 V, 1 A - 60 A	Screw terminal

FEATURES

- standalone housing
- pure sine wave output
- automatic voltage regulator - AVR

APPLICATIONS

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



MODEL	POWER	VOLTAGE	TPOLOGY	BATTERY	OUTPUT WAVEFORM	SOCKETS
CO-sinusUPS-400W	400W	230V / 230V	line-interactive	External AGM 12V	Pure sine wave	2× F
CO-sinusUPS-400W-WM	400W	230V / 230V	line-interactive	External AGM 12V	Pure sine wave	2× F
CO-sinusUPS-600W-LCD	600W	230V / 230V	line-interactive	External AGM 12V	Pure sine wave	2× F
CO-sinusUPS-1000W/12V-LCD	1000W	230V / 230V	line-interactive	External AGM 12V	Pure sine wave	2× F

ACCESSORIES

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	LIFETIME	DIMENSIONS	WEIGHT	TERMINAL TYPE
IPS 1.3-12	12 V	1.3 Ah	6-9 years	98×43×58 mm	0.56 kg	Faston 4.8mm (T1)
IPS 2.3-12	12 V	2.3Ah	6-9 years	177×35×67 mm	0.88 kg	Faston 4.8mm (T1)
IPS 3.4-12	12 V	3.4Ah	6-9 years	135×67×66 mm	1.28 kg	Faston 4.8mm (T1)
IPS 5-12 IPS 5-12L	12 V	5 Ah	6-9 years	90×70×106 mm	2.10 kg	Faston 4.8mm (T1) Faston 250 (T2)
IPS 7.2-12 IPS 7.2-12L	12 V	7.2 Ah	6-9 years	151×65×100 mm	2.45 kg	Faston 4.8mm (T1) Faston 250 (T2)
IPS 9-12L	12 V	9Ah	6-9 years	151×65×100 mm	2.5 kg	Faston 250 (T2)
IPSH 9-12L	12 V	9 Ah 290 W / 10 min	6-9 years	151×65×100 mm	2.75 kg	Faston 250 (T2)
IPS 12-12L	12 V	12 Ah	6-9 years	151×98×100 mm	3.90 kg	Faston 250 (T2)
IPS 18-12	12 V	18 Ah	6-9 years	181×76×167 mm	5.65 kg	Female thread M5
IPS 20-12	12 V	20Ah	6-9 years	181×77×167 mm	5.5 kg	Female thread M5
IPS 26-12	12 V	26 Ah	6-9 years	166×175×125 mm	8.40 kg	Female thread M5
IPS 28-12h	12 V	28 Ah	6-9 years	166×125.5×176 mm	9.30 kg	Female thread M5
IPS 40-12	12 V	40 Ah	6-9 years	198×168×171 mm	13.30 kg	Female thread M6
IPS 45-12	12 V	45Ah	6-9 years	198×166×171 mm	14 kg	Female thread M6
KU-BAT-2URT-2x7-BC24	24 V	2x7 Ah	6-9 years	2U	9.00 kg	DC socket + Plug
KU-BAT-2URT-3x9-BC36	36 V	3x9 Ah	6-9 years	2U	14.00 kg	DC socket + Plug
KU-BAT-2URT-4x9-BC48	48 V	4x9 Ah	6-9 years	2U	17.00 kg	DC socket + Plug
KU-BAT-2URT-6x9-BC72	72 V	6x9 Ah	6-9 years	2U	23.00 kg	DC socket + Plug
KU-BAT-3URT-8x9-BC96	96 V	8x9 Ah	6-9 years	3U	25.00 kg	DC socket + Plug
KU-BAT-3URT-16x9-BC96	96 V	16x9 Ah	6-9 years	3U	45.00 kg	DC socket + Plug
KU-BAT-3URT-16x7-BC192	192 V	16x7 Ah	6-9 years	3U	40.00 kg	DC socket + Plug
KU-BAT-3URT-16x9-BC192	192 V	16x9 Ah	6-9 years	3U	45.00 kg	DC socket + Plug

FEATURES

- suitable for routers, switches, and CCTV cameras.
- optionable PoE
- multi selected voltage
- internal battery 8800 mAh
- internal USB charger



MODEL	POWER	VOLTAGE	DIMENSIONS	OUTPUT	ADDITIONAL SELECTION OPTION
RouterUPS-15	15W	230 VAC	159×104×28 mm	5 V / 3 A max	9 V / 1,33 A max or 12V / 1,25 A max
RouterUPS-15-POE	15W	230 VAC		9 V / 1,33 A max or 12V / 1,25A max	15 V / 1 A max or 24V / 0,62A max
RouterUPS-30	30W	230 VAC		5 V / 2 A max	9 V / 2 A max or 12V / 2 A max
RouterUPS-30-POE	30W	230 VAC		9 V / 2 A max or 12V / 2A max	15 V / 1 A max or 24V / 2 A max

MRC19 19" WALL-MOUNTED CASE

FEATURES

- wall mounted
- opening side door
- active and pasive ventilation
- 3 independent keys

MOUNTAGE TYPE

- mounting brackets
- holes in frame



MODEL	STANDARD	COLOR	FRONT DOOR	WIDTH	DEPTH	HIGHT
MRC19-WM-4U-D4 / MRC19-WM-4U-D6	19"	Black	Glass	600 mm	D4 = 450 mm D6 = 600 mm D8 = 800 mm	4U
MRC19-WM-6U-D4 / MRC19-WM-6U-D6						6U
MRC19-WM-9U-D4 / MRC19-WM-9U-D6						9U
MRC19-WM-12U-D6						12U
MRC19-WM-15U-D6 / MRC19-WM-15U-D8						15U

MODEL	STANDARD	COLOR	FRONT DOOR	WIDTH	DEPTH	HIGHT	ADDITIONAL FUNCTION
MRC19-ST-12U-D6	19"	Black	Glass	600 mm	600 mm	4U	Standalone model

FEATURES

- internal AGM battery
- line-interactive transfer type
- AVR
- output sockets „schuko" type, and IEC
- suitable for RACK 19"
- cold start
- LED indicators
- alarm beeper in battery mode
- dedicated PC software application
- indoor use only

APPLICATIONS

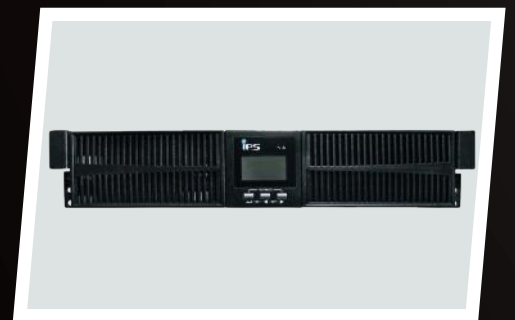
- CCTV
- acces control
- alarm systems



MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
CCTVups-2U-1200	1200 VA / 720 W	230 VAC	19"×320mm×2U	1 / 5 / 8 min*	2×12 V / 7 Ah	1× Shuko / 2× IEC C13
CCTVups-2U-2000	2000 VA / 1200 W	230 VAC	19"×320mm×2U	1 / 5 / 8 min*	2×12 V / 9 Ah	1× Shuko / 2× IEC C13

FEATURES

- compatible with LiFePO4 batteries
- high reliability, high power and energy density
- providing greater autonomy (15 min at full load for standard model UPS)
- long cycle life (≥2000 cycle times)
- greater performance at high/low temperature
- advanced battery management (ABM)
- rotatable display panel
- high frequency on-line double conversion technology
- DSP (Digital signal processors) control technology
- active power factor correction (APFC), input power factor up to 0.99
- output power factor 0.9



MODEL	POWER	VOLTAGE	DIMENSIONS	BATTERIES	SOCKETS
WAKSPower11-LFP-1K0-2U-8x12	1000 VA / 900 W	230 Vac / 230 Vac	440×468 mm×2U	8× 3.2 V / 12 Ah	4× IEC
WAKSPower11-LFP-2K0-2U-16x12	2000 VA / 1800 W	230 Vac / 230 Vac	440×583 mm×2U	16× 3.2 V / 12 Ah	8× IEC
WAKSPower11-LFP-3K0-2U-24x12	3000 VA / 2700 kW	230 Vac / 230 Vac	440×683 mm×2U	24× 3.2 V / 12 Ah	8× IEC

MODEL	POWER	VOLTAGE	DIMENSIONS	BACKUP TIME	BATTERIES	SOCKETS
WAKSPower11-LFP-1K0-2U-BC48	1000 VA / 900 W	230 Vac / 230 Vac	440×468 mm×2U	15-120 min	Extrenal LiFePO4	4× IEC
WAKSPower11-LFP-2K0-2U-BC48	2000 VA / 1800 W	230 Vac / 230 Vac	440×583 mm×2U	15-120 min	Extrenal LiFePO4	8× IEC
WAKSPower11-LFP-3K0-2U-BC48	3000 VA / 2700 kW	230 Vac / 230 Vac	440×683 mm×2U	15-120 min	Extrenal LiFePO4	8× IEC