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## Su-Kam and Gamatronic. A Powerful Alliance.



#### **Gamatronic Electronic Industries Ltd.**

World Leaders: Gamatronic is a world leader in cutting - edge modular power protection solutions and technology. Established in 1970 in Israel, it is considered a leader in its field in over 80 countries worldwide. With almost four decades of hands - on experience, Gamatronic is dedicated to providing the world with the most advanced modular power-protective technology in the world.

**Hi-Tech Innovations.** Gamatronic's Headquarters are situated in a 6,000 square meter facility located in the Science Based Industries Park in Jerusalem. The Company is in constant pursuit of new technologies and innovations. All this, combined with high engineering capabilities, flexibility and technical customization results in numerous advanced and unique power solutions which are designed to fully meet the needs of the most sophisticated customers.

**Wide Range.** Gamatronic's wide and distinctive product range offers multiple modular power protection solutions known for their dependability and innovativeness. These include UPS - Uninterruptible Power Supply solutions, DC Power Systems, Inverter Systems, Converter and DC-DC Systems, along with power control and management products for power dependent and critical applications.

#### Su-Kam Power Systems Ltd.

India's Leader: Su-Kam is India's leading power back-up solution provider and a truly knowledge driven company, with innovation at its heart. It has revolutionized the power back-up industry in India, by developing intelligent power back-up solutions, engineered to be energy efficient and reduce the user's carbon footprint. Working further towards a cleaner, greener planet, Su-Kam is branching out towards ecofriendly inexhaustible energy solutions such as solar power. We see ourselves as change agents in the critically important sphere of energy, working for a better tomorrow.

The first such enterprise of its kind in India, Su-Kam has a market share of over 40% in India.

Wide - ranging hi-tech power solutions. Su-Kam manufactures a range of around 160 products in 7 state-of-the-art factories in India and Nepal. With a nationwide network of offices and channel partners, the Company has brought freedom from power problems to millions across India and in 70 countries across the globe.

Innovations and Awards. With a string of firsts to its credit, Su-Kam has introduced new products at regular intervals, which have gone on to set industry standards. Su-Kam's R&D unit has not only earned recognition from the Department of Scientific & Industrial Research, Govt. of India, but has won over 70 patents, with more in the pipeline.

# **Know Su-Kam**

- India's most admired, world class power solutions provider, with a growing presence across India and over 70 countries worldwide. Target to take the tally to 100 countries by 2012.
- Su-Kam has over 2100 employees across the country, 23 offices in India and 1 each at Dubai, Nepal, Nigeria & Bangladesh.





# Su-Kam synergises its expertise in manufacturing

Su-kam has 7 state-of-the-art manufacturing facilities. All our manufacturing facilities are certified under OHAS – 18001 for operational health and safety.





Su-Kam filed over 70 Technology Patents, 141 Copyrights and 53 Trademarks. It has 50 Design Patents to its credit in India, US and various countries. We are filing nearly 2 technology patents a month. We expect to file an impressive 100 technology patents, another record breaking number in the power back-up industry.





# Multiplexer Standalone (SA) Series Power<sup>†</sup> 10kVA-40kVA SA, Power<sup>†</sup> RM 10kVA/20kVA Mega V<sub>2</sub> 25kVA

#### **LOWER TCO & INCREASE ROI:**



Purchasing & installation costs
Electricity costs
Maintenance costs
Spacing costs
Cooling costs
Generator costs

#### **GENERAL PRODUCT FEATURES:**

- Ultrahigh power density
- True green power and high efficiency
- Universal UPS: frequency voltage phase configurable on site
- User friendly
- Maximum power availability
- True online batteries and double conversion VFI topology
- Power with environmental integrity
- Multiplexer controller: full remote UPS management, automatic server shutdown, alerts, and management of SNMP trap by interfacing with NMS software (a standard feature in the RM model and optional in SA models)

# Multiplexer-Power+sa

#### **SIMPLY INGENIOUS**

# Multiplexer SA - 10kVA On-Line double conversion UPS

#### **Features**

- Light weight and compact design, weighing only 18 Kg
- Flexible use available in 3/3,3/1 and 1/1 phase configurations
- Great performance:
- High efficiency AC AC: 96%
- Input PF of 1
- Low input THDi: <5%
- Backlight LCD
- Available also in 208v with UL conformity
- Mainly used for Small & Medium sized applications, as well as an OEM component for large devices (such as Medical CT products)



# Multiplexer-Power+SA 20 to 40

#### **SIMPLY INGENIOUS**

Multiplexer-Power<sup>†</sup>SA
Stand Alone 20/30/40kVA
On-Line double conversion UPS
True on-line batteries

#### **Features**

- Unique and compact design, weighing only 68kg (at 40kVA)
- Great performance:
- High efficiency AC/AC: 96%
- Low input THDi: 5%
- Input PF: 1
- Backlight LCD
- External battery cabinets racks available



# Multiplexer-Power+RM-10 to 20

#### SIMPLY INGENIOUS

Multiplexer-Power<sup>†</sup> RM 1 0-20kVA On-Line double conversion UPS True on-line batteries

#### **Features**

- The Multiplexer-Power<sup>+</sup> RM is a variant of the Multiplexer UPS, which can be integrated as a sub rack into any standard 19 rack, for a lower cost configuration of the 10kVA and 20kVA UPS'S.
- The kit includes:
- One or two 10kVA Multiplexer + modules
- A Controller with a built-in STSW
- A 19" shelf to host the Multiplexer module and controller
- The kit reaches a height of 4U with one 10Kva module and 6U with 2 modules.



# Multiplexer-MEGA 2 SA

#### SIMPLY INGENIOUS

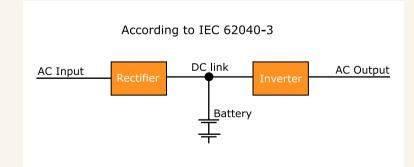
Multiplexer-Mega V2 SA
Stand Alone 25kVA
True On-Line double conversion UPS
True on-line batteries

#### **Features**

- Unique, light and compact design
  - 20 x 60 cm footprint
  - Weight: 61 kg
- Great performance:
- High efficiency AC/AC: 96%
- Low input THDi: 5 % > Input PF: 1
- Backlight LCD



# Double Conversion True On-Line Battery (VFI)





### **Multiplexer Power**<sup>+</sup> **SA 10kVA** Technical Specifications

Multiplexer SA	3/3	3/1	1/1
Topology	True online battery, double conversation		1,1
Capacity	10kVA/8kVA		
Input			1phase+N+PE
Voltage		~415V)+N+PE	(220V-240V) + N+PE
Voltage tolerance	-27% and 20%		(==:: =:::)
Current			45A, no inrush current
Power walk-in	<60s		157 y 110 mm asm carrent
Input power factor	1		
Input THDi	<5%		
Earth leakage current	3mA max.		
Output	3 phase +N+PE 1Phase +N+PE		e +N+PE
Rated power		10kVA / 8kW	
Frequency tracking range		±3 Hz	
Slew rate		1Hz/Sec	
Voltage	3x(400V)+N+PE	i e	40V) + N+PE
Static regulation		± 1%	
Regulation for unbalanced load	± 1% for 100% unbalanced load		load
Dynamic response to 100% load step	±2%		
Overload	110% for 10	min; 125% for 60 s; 1000	% for 1 cvcle
Waveform	Sinusoidal		
THD	Le	ess than 2% for linear loa	d
Load CF (max)	6:1		
DC/AC efficiency (nominal)	98%		
AC/AC efficiency (nominal)		96%	
Static Switch (bypass)			
Input connection		Dual feed	
General			
Maximum power dissipation (Po=8KW		384W (1300 BTU/h)	
Ambient temperature	C	pperation: - 10°C to +40°	°C
	Storage: -20°C to+60°C		
Relative humidity	95% max, non-condensing		ng
Altitude		1500 m without derating	g
Enclosure	IP20		
Cooling system	Multi-fan with Speed Control (forced)		forced)
Acoustic noise (full load) at 1.5m distance	47dba		
MTBF	250,000hh		
Dimensions (mm)	560(H)x 90(W)x600(D)		
Weight	18kg		
LCD display			
Input	Voltage, frequency, current		
Output	Voltage, frequency, current		nt
Batteries	Voltage		
Log (events memory)L		Last 200 events	
Communication Rs232		Yes	
Dry contact alarm		Yes	
SNMP		Optional	
Standards (Complies to)		Ориона	
EMC	IEC 620	940-2, under EMC 2004/1	08/FC
Design	ile 020	IEC 62040-3	.00, EC
Safety	IEC 4	52040-1, underLVD 2006	/95/FC
Low magnetic field radiation	IEC (	EMF as per ICNIRP	93/ EC
Batteries (external)		Zivii us pei icivii(r	
Type	Spa	led, valve-regulated, lead	l-acid
Number	Sea	64 x 12V	uciu
Number		0 <del>4</del> ¥ 17 Å	

All specifications are typical and subject to change without prior notice

### Multiplexer Power<sup>+</sup> SA 20kVA, 30kVA, 40kVA Technical Specifications

Multiplexer SA UPS	2 0 k V A	3 0 k V A	4 0 k V A
Topology		ne battery, double co	
Input	True orini	3phase+N+PE	
Voltage		3x(380V~415V)+N+PE	
Frequency tolerance		45-65 Hz	
Voltage torlerance		-27%/=20%	
-		-2770/-2070 <60s	
Power walk-in			
Power factor		1	
THDi		<5%	
Earth leakage current		3mA max.	
Output	401)/4 /4	3 phase + N	
Rated power		10kVA / 16kW 30kVA/24kw 40kVA/ 32kw	
Frequency tracking range	±0.5,	±0.5, ±1, ±2, ±3, ±4Hz (selectable)	
Slew rate		1Hz/Sec	
Voltage		3x(400V)	
Frequency		50 Hz	
Static regulation		± 1%	
Regulation for unbalanced load	± 1%	± 1% for 100% unbalanced load	
Dynamic response to 100% load step		2%	
Overload	110 % for 10 n	110 % for 10 min; 125 % for 60 s; 1000 % for 1 cycle	
Waveform		Sinusoidal	
THD	Le	Less than 2% for linear load	
Load CF (max)		6:1	
DC/ACefficiency (nominal)		98%	
AC/AC efficiency (nominal)		96%	
Static Switch (bypass)			
Input connection		Dual feed	
General			
Maximum power dissipation (Po=8KW	666w (2274 BTU)	999W(3408BTU)	1332W (4544BT)
Ambient temperature	- 10°C to +40°C	C(operating); -20°C to	+70°C (Storage)
		95% max, non-condensing	
Relative humidity	95	% max, non-condens	sing
Relative humidity Altitude		5% max, non-condens 500 m without derati	
Altitude Enclosure	1	500 m without derati IP20	ng
Altitude	1	500 m without derati IP20 an with Speed Contro	ng
Altitude Enclosure Cooling system	1 Multi-fa	500 m without derati IP20 an with Speed Contro	ng l (forced)
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF	1 Multi-fa	500 m without der <mark>ati</mark> IP20 an with Speed Contro 57 250,000hh	ng l (forced)
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance	1 Multi-fa	500 m without der <mark>ati</mark> IP20 an with Speed Contro 57	ng l (forced)
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)	1 Multi-fa 54dBA	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580	ng I (forced) dBA
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet) Communication	1 Multi-fa 54dBA	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580	ng l (forced) dBA
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms	1 Multi-fa 54dBA	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg Yes	ng l (forced) dBA
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet) Communication Dry contract alarms SNMP / web	1 Multi-fa 54dBA	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg	ng l (forced) dBA
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display	Multi-fa 54dBA 50kg	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg Yes yes	ng I (forced) IdBA 68kg
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display Input	Multi-fa 54dBA 50kg	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg Yes yes	ng I (forced) dBA 68kg
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web  LCD display Input Output	Multi-fa 54dBA 50kg	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes oltage, frequency, curroltage, frequency, currollage, frequency, currollag	ng I (forced) dBA 68kg
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web  LCD display Input Output Batteries	Multi-fa 54dBA 50kg	IP20 IP20 IP20 In with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes  Oltage, frequency, curr Voltage	ng I (forced) dBA 68kg
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display Input Output Batteries Log (events memory)L	Multi-fa 54dBA 50kg	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes oltage, frequency, curroltage, frequency, currollage, frequency, currollag	ng I (forced) dBA 68kg
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web  LCD display Input Output Batteries Log (events memory)L  Standards (Complies to)	Multi-fa 54dBA 50kg	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes  oltage, frequency, curr Voltage Last 256 events	I (forced) IdBA 68kg
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display Input Output Batteries Log (events memory)L  Standards (Complies to) EMC	Multi-fa 54dBA 50kg	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes  Oltage, frequency, curr Voltage Last 256 events	ng I (forced) IdBA 68kg
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display Input Output Batteries Log (events memory)L Standards (Complies to) EMC Design	Multi-fa 54dBA 50kg Vo	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes  Oltage, frequency, curr Voltage Last 256 events  40-2, under EMC 2006 IEC 62040-3	I (forced) IdBA 68kg ent ent ent
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display Input Output Batteries Log (events memory)L  Standards (Complies to) EMC Design Safety	Multi-fa 54dBA 50kg Vo	IP20 IP20 IP20 IP20 IP20 IP20 IP20 IP20	I (forced) IdBA 68kg ent ent ent
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web  LCD display Input Output Batteries Log (events memory)L  Standards (Complies to) EMC Design Safety Low magnetic field radiation	Multi-fa 54dBA 50kg Vo	500 m without derati IP20 an with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes  Oltage, frequency, curr Voltage Last 256 events  40-2, under EMC 2006 IEC 62040-3	I (forced) IdBA 68kg ent ent ent
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display Input Output Batteries Log (events memory)L  Standards (Complies to) EMC Design Safety Low magnetic field radiation Batteries	Multi-fa 54dBA 50kg Vo	IP20 In with Speed Contro IP20 In with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes Intage, frequency, curr Voltage Last 256 events  40-2, under EMC 2000 IEC 62040-3 IEC 62040-3 IEC 62040-1 IEC MIRP	rent rent 4/108/EC
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web  LCD display Input Output Batteries Log (events memory)L  Standards (Complies to)  EMC Design Safety Low magnetic field radiation  Batteries Type	Multi-fa 54dBA 50kg Vo	IP20 In with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes  Iltage, frequency, curr Voltage Last 256 events  40-2, under EMC 200 IEC 62040-3  140-1 , under LVD 200 EMF as per ICNIRP  d, valve-regulated, lea	rent rent 4/108/EC
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display Input Output Batteries Log (events memory)L Standards (Complies to) EMC Design Safety Low magnetic field radiation  Batteries Type Number	Multi-fa 54dBA 50kg Vo	IP20 In with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes  Iltage, frequency, curr Voltage Last 256 events  40-2, under EMC 200 IEC 62040-3  140-1 , under LVD 200 EMF as per ICNIRP  d, valve-regulated, lea	rent rent 4/108/EC
Altitude Enclosure Cooling system Acoustic noise (full load) at 1.5m distance MTBF Dimensions(Hx Wx D) (mm) Weight (electronic cabinet)  Communication Dry contract alarms SNMP / web LCD display Input Output Batteries Log (events memory)L Standards (Complies to) EMC Design Safety Low magnetic field radiation  Batteries Type	Multi-fa 54dBA 50kg Vo	IP20 In with Speed Contro 57 250,000hh 660x480x580 59kg  Yes yes  Iltage, frequency, curr Voltage Last 256 events  40-2, under EMC 200 IEC 62040-3  140-1 , under LVD 200 EMF as per ICNIRP  d, valve-regulated, lea	rent rent 4/108/EC

All specifications are typical and subject to change without prior notice

### **Multiplexer Power**<sup>+</sup> **RM** Technical Specifications

Multiplexer 19" UPS	10kVA	20kVA	
Topology	True Online Battery, Double Conversation, VFI		
INPUT			
Voltage	3 x (380V~415V) +N+PE		
Voltage Range	27%/+20%		
Current	3x 15A per module, no inrush current at startup		
Power walk-in	<60 Sec		
Frequency	45/65 Hz		
Power Factor	0.99%		
THDI	5%		
Output	3 phase +N		
RATED power	10kVA/8kW 20kVA/16kW		
Frequency tracking range	±0.5, ±1, ±2, ±3, ±4Hz (selectable)		
Slew rate	1Hz/Sec		
Voltage	3x400 Vac +N		
Static regulation	± 1%		
Regulation for unbalanced load	± 1% for 100% unbalanced load		
Dynamic response to 100% load step	±2%		
Overload	110 % for 10 min; 125 % for 60 s; 1000 % for 1 cycle		
Waveform	Sinusoidal		
THD	Less than 2% for linear load		
Load CF (max)	6:1		
Dc/Ac efficiency (nominal)	Up to 98% a	t full load	
Ac/Ac efficiency (nominal)	Up to 96% a	t full load	
GENERAL			
Maximum Power Dissipation (Po=8KW	333W (1361 BTU/h)	666W (2274BTU/h)	
Ambient temperature	- 10°C to +40°C(operating);	-20°C to +70°C (Storage)	
Relative humidity	95% max, non-condensing		
Altitude	1500m without derating		
Enclosure	IP20		
Cooling system	Multi-fan with Speed		
Acoustic noise (full load) at 1.5m distance	51dBA	54dBA	
Dimensions(Hx Wx D) (mm)	193(4U) x 483 (19in.) x 600		
Weight (approx.)	19.9kg	31.7kg	
STANDARDS (Complies to)			
EMC	IEC 62040-2, under l		
Design	IEC 620		
Safety	IEC 62040-1, under		
Low magnetic field radiation	EMF as per	ricnirp	
Batteries			
Type	Sealed, valve-regu		
Number	64x1.		
Battery cabinet	External		
DC voltage	± 432 V		

All specifications are typical and subject to change without prior notice





### Multiplexer MegaV<sub>2</sub> SA Technical Specifications

MEGA SA 25 kVA UPS			
Topology	True Onl <mark>ine Battery, Double Conversion, VFI</mark>		
Unit Capacity	25 kVA / 25 kW		
DC/AC efficiency (nominal)	98 %		
AC/AC efficiency (nominal)	96 %		
INPUT			
Voltage	3x400 Vac +N (230 Vac); 47-63 Hz		
Voltage Range	– 27 % and + 20 %		
Power Walk-In	<60		
Power Factor	1		
THDI	<5 %		
Earth Leakage Current	3 mA max.		
OUTPUT	3 INA Max.		
Rated Power	25 MW / 25 MW		
	25 kVA / 25 kW		
Frequency Tracking Range	±1,±2,±3		
Slew Rate	1 Hz/sec		
Voltage	3x400 V +N / 230 V; 50/60 Hz		
Static Regulation	±1		
Regulation for Unbalanced Load	±1% for 100 % Unbalanced load		
Dynamic Response to 100% Load Step	2%		
Overload	110 % : 10 minutes; 125 % : 60 seconds; 1000 % : 1 cycle		
Waveform	Sinusoidal		
THD	Less than 2% for linear load		
Load CF (max)	6:1		
Inverter efficiency % (nominal)	98		
STATIC SWITCH			
Included			
GENERAL			
Maximum power dissipation (Po=25KW)	384 W (1300 BTU)		
Ambient Temperature	-10 to +40 °C (operating) ; -20 to +70 °C (storage)		
Relative Humidity	95 % max., non-condensing		
Altitude	1500 m without derating		
Enclosure	IP20		
Cooling System	Multi-Fan with speed control (forced)		
Acoustic Noise (Full load) at 1.5m distance	47 dBA		
MTBF	250,000 hrs		
	610(H) x 205(W) x 685(D)		
Dimensions (mm)			
Weight	61 kg		
LCD DISPLAY			
Input	voltage, current		
Output	voltage, frequency, current		
Batteries	voltage		
Log (events memory)	ast 200 events		
COMMUNICATION			
RS232 port	Yes		
Alarm and shutdown monitor	Yes		
•	Yes optional		
Alarm and shutdown monitor			
Alarm and shutdown monitor SNMP link (optional)			
Alarm and shutdown monitor  SNMP link (optional)  STANDARDS (Complies to)	optional		
Alarm and shutdown monitor SNMP link (optional) STANDARDS (Complies to) EMC Design	optional IEC 62040-2, under EMC 2004/108/EC IEC 62040-3		
Alarm and shutdown monitor SNMP link (optional) STANDARDS (Complies to) EMC Design Safety	optional IEC 62040-2, under EMC 2004/108/EC IEC 62040-3 IEC 62040-1, under LVD 2006/95/EC		
Alarm and shutdown monitor SNMP link (optional) STANDARDS (Complies to) EMC Design Safety Low magnetic field radiation	optional IEC 62040-2, under EMC 2004/108/EC IEC 62040-3		
Alarm and shutdown monitor  SNMP link (optional)  STANDARDS (Complies to)  EMC  Design  Safety  Low magnetic field radiation  BATTERIES (EXTERNAL)	optional  IEC 62040-2, under EMC 2004/108/EC  IEC 62040-3  IEC 62040-1, under LVD 2006/95/EC  EMF as per ICNIRP		
Alarm and shutdown monitor  SNMP link (optional)  STANDARDS (Complies to)  EMC  Design  Safety  Low magnetic field radiation  BATTERIES (EXTERNAL)  Type	optional  IEC 62040-2, under EMC 2004/108/EC  IEC 62040-3  IEC 62040-1, under LVD 2006/95/EC  EMF as per ICNIRP  Sealed, valve-regulated, lead-acid		
Alarm and shutdown monitor  SNMP link (optional)  STANDARDS (Complies to)  EMC  Design  Safety  Low magnetic field radiation  BATTERIES (EXTERNAL)	optional  IEC 62040-2, under EMC 2004/108/EC  IEC 62040-3  IEC 62040-1, under LVD 2006/95/EC  EMF as per ICNIRP		
Alarm and shutdown monitor  SNMP link (optional)  STANDARDS (Complies to)  EMC  Design  Safety  Low magnetic field radiation  BATTERIES (EXTERNAL)  Type	optional  IEC 62040-2, under EMC 2004/108/EC  IEC 62040-3  IEC 62040-1, under LVD 2006/95/EC  EMF as per ICNIRP  Sealed, valve-regulated, lead-acid		
Alarm and shutdown monitor  SNMP link (optional)  STANDARDS (Complies to)  EMC  Design  Safety  Low magnetic field radiation  BATTERIES (EXTERNAL)  Type	optional  IEC 62040-2, under EMC 2004/108/EC  IEC 62040-3  IEC 62040-1, under LVD 2006/95/EC  EMF as per ICNIRP  Sealed, valve-regulated, lead-acid		

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