



# Standard Models

## SKU technical specifications

Product feature	SRV1KL-IN SRV1KL-INX	SRV2KL-IN	SRV3KL-IN
Power rating	1000 VA/800 W	2000 VA/1600 W	3000 VA/2400 W
<b>Input</b>			
Nominal input voltage	230 V		
Input voltage range at full load (half load)	160 – 280 V (110 – 280 V)		
Input frequency	40 – 70 Hz auto-selecting		
Input connection	IEC 60320 C14		IEC 60320 C20
<b>Output</b>			
Nominal output voltage	230 V (220 V, 240 V user selectable)		
Output frequency	50/60 Hz ± 3 Hz (On Mains) or 50/60 Hz ± 0.1 Hz (On Battery)		
Topology	Double-conversion on-line		
Waveform type	Pure sine wave		
Efficiency: Double-conversion mode (typical)	Upto 88%		Upto 90%
Efficiency: ECO mode (typical)	Upto 95%		
Output connections	(4) India socket		(4) India socket (1) Hard wire 3-wire (1P+N+G)
<b>Battery and Runtime*</b>			
Battery type	Sealed maintenance free valve regulated lead acid battery (leak proof)		
Battery capacity	12 V 7 Ah (3)	12 V 9 Ah (4)	12 V 9 Ah (6)
Battery voltage	36 Vdc	48 V	72 V
Typical recharge time	4 hours to recover 90% of capacity		
Runtime at half load (min)	12	10	11
Runtime at full load (min)	4	2	3
<b>Communications and management</b>			
Interface ports	Serial RS-232, USB (Type B), Intelligent Slot		
Control panel	LED indicators, multi-function LCD, status and display console		
Emergency Power Off (EPO)	Yes (NC contacts)	-	-
<b>Physical</b>			
Rack height (U)	2U		
Dimensions W x H x D (mm)	438 x 86.2 x 412.2	438 x 88 x 462	438 x 88 x 632
Net weight (kg)	13.6	19	28
Color	RAL 7010		
<b>Environment</b>			
Operating temperature	0 to 40 °C		
Relative humidity	0 to 95% non-condensing		
Operating elevation	0 to 2,000 m at 100% load		
Audible noise at 1 m from unit	Less than 50 dBA		
International Protection Code	IP20		
<b>Conformance</b>			
Regulatory approvals	BIS		
Standard warranty	2 years repair or replace		

# Extended Run Models

## SKU technical specifications

Product feature	SRV2KRIL-IN	SRV3KRIL-IN SRV3KRIL-INX	SRV5KRIL-IN	SRV6KRIL-IN SRV6KRIL-INX	SRV10KRIL-IN
Power rating	2000 VA/1600 W	3000 VA/2400W	5000 VA/5000 W	6000 VA/6000 W	10,000 VA/10,000 W
<b>Input</b>					
Nominal input voltage	230 V				
Input voltage range at full load (half load)	160 – 280 V (110 – 280 V)		176 – 300 V (110 – 300 V)		
Input frequency	40 – 70 Hz auto-selecting				
Input connection	(1) Hard wire 3-wire (1P+N+G)				
<b>Output</b>					
Nominal output voltage	230 V (220 V, 240 V user selectable)				
Output frequency	50/60 Hz $\pm$ 3 Hz (On Mains) or 50/60 Hz $\pm$ 0.5% (On Battery)				
Topology	Double-conversion on-line				
Waveform type	Pure sine wave				
Efficiency: Double-conversion mode (typical)	Upto 88%	Upto 90%	Upto 94%		
Efficiency: ECO mode (typical)	Upto 95%		Upto 97%		
Output connections	(3) India socket (1) Hard wire 3-wire (1P+N+G)		(1) Hard wire 3-wire (1P+N+G)		
<b>Battery and Runtime*</b>					
Battery type	Sealed maintenance free valve regulated lead acid battery, leak proof				
Battery capacity	2 strings of 12 V 9 Ah (6)		1 string of 12 V 9 Ah (20)		
Battery voltage	72 V		240 V		
External battery pack	SRV72RBP-9A		SRV240RBP-9A		
Typical recharge time	4 hours to recover 90% of capacity				
Runtime at half load (min)	47	29	24	18	8
Runtime at full load (min)	19	10	8	6	2
<b>Communications and management</b>					
Interface ports	Serial RS-232, USB (Type B), Intelligent Slot				
Control panel	LED indicators, multi-function LCD, status and display console				
Emergency power off (EPO)	Yes (NC contacts)				
<b>Physical</b>					
Rack height (U)	4U		5U		
Dimensions W x H x D (mm) (Power module)	438 x 86 x 462		438 x 86 x 615		
Dimensions W x H x D (mm) (Battery pack)	438 x 86 x 632		438 x 133 x 606		
Net weight (kg) (Power module)	9.3	10.1	15		16
Net weight (kg) (Battery pack)	40		63		
Color	RAL 7010				
<b>Environment</b>					
Operating temperature	0 to 40 °C				
Relative humidity	0 to 95% non-condensing				
Operating elevation	0 to 2,000 m at 100% load				
Audible noise at 1 m from unit	Less than 50 dBA		Less than 60 dBA		
International protection code	IP20				
<b>Conformance</b>					
Regulatory approvals	BIS				
Standard warranty	2 years repair or replace				

# UXI Models

## SKU technical specifications

Product feature	SRV1KUXI-IN SRV1KUXI-INX	SRV2KUXI-IN	SRV3KUXI-IN SRV3KUXI-INX	SRV5KL-IN* SRV5KUXI-IN	SRV6KL-IN* SRV6KL-INX* SRV6KUXI-IN
Power rating	1000 VA/800 W	2000 VA/1600 W	3000 VA/2400 W	5000 VA/5000 W	6000 VA/6000 W
<b>Input</b>					
Nominal input voltage	230 V				
Input voltage range at full load (half load)	160 – 280 V (110 – 285 V)			176 – 300 V (110 – 300 V)	
Input frequency	40 – 70 Hz auto-selecting				
Input connection	IEC 60320 C14	(1) Hard wire 3-wire (1P+N+G)			
<b>Output</b>					
Nominal output voltage	230 V (220 V, 240 V user selectable)				
Output frequency	50/60 Hz $\pm$ 3 Hz (On Mains) or 50/60 Hz $\pm$ 0.5 Hz (On Battery)				
Topology	Double-conversion on-line				
Waveform type	Pure sine wave				
Efficiency: Double-conversion mode (typical)	Upto 88%		Upto 90%		Upto 94%
Efficiency: ECO mode (typical)	Upto 95%				Upto 97%
Output connections	(4) India socket	(3) India socket (1) Hard wire 3-wire (1P+N+G)		(1) Hard wire 3-wire (1P+N+G)	
<b>Battery</b>					
Battery type	No internal battery – uses external battery				
Battery charger capacity	1 – 8 A (selectable) for UXI models and 1 – 4 A (selectable) for non-UXI models*				
Battery Voltage	24 V	72 V		192 <sup>1</sup> – 240 V(selectable)	
<b>Communications and management</b>					
Interface ports	Serial RS-232, USB (type B), Intelligent Slot				
Control panel	LED indicators, multi-function LCD, status and display console				
Emergency power off (EPO)	Yes (NC contacts)				
<b>Physical</b>					
Rack height (U)	2U				
Dimensions W x H x D (mm)	438 x 86.2 x 332	438 x 86.2 x 462.2		438 x 86.5 x 615	
Net weight (kg)	7.2	9.8	10.1	15	
Color	RAL 7010				
<b>Environment</b>					
Operating temperature	0 to 40 °C				
Relative humidity	0 to 95% non-condensing				
Operating elevation	0 to 2,000 m at 100% load			0 to 1,000 m at 100% load	
Audible noise at 1 m from unit	Less than 50 dBA			Less than 60 dBA	
International protection code	IP20				
<b>Conformance</b>					
Regulatory approvals	BIS				
Standard warranty	2 years repair or replace				

# UXI Models



## SKU technical specifications

Product feature	SRV10KUXI-IN SRV10KUXI-INX	SRV15KUXI-IN	SRV20KUXI-IN
Power rating	10,000 VA/10,000 W	15,000 VA/15,000 W	20,000 VA/20,000 W
<b>Input</b>			
Nominal input voltage	230 V (PH-N)/400 V (PH-PH) (default)		
Input voltage range at full load (half load)	176 – 300/305 – 520 V (110 – 300/190 – 520 V)	176 – 275/305 – 476 V (110 – 300/190 – 520 V)	
Input frequency	40 – 70 Hz auto-selecting		
Input connection	(1) Hard wire 3-wire (1P+N+G) or (1) Hard wire 5-wire (3P+N+G)		
<b>Output</b>			
Nominal output voltage	230 V (220 V, 240 V user selectable)		
Output frequency	50/60 Hz $\pm$ 3 Hz (On Mains) or 50/60 Hz $\pm$ 0.1 Hz (On Battery)		
Topology	Double-conversion on-line		
Waveform type	Pure sine wave		
Efficiency: Double-conversion mode (typical)	Up to 95%		
Efficiency: ECO mode (typical)	Up to 97%		
Output connections	(1) Hard wire 3-wire (1P+N+G)		
<b>Battery</b>			
Battery type	No internal battery – uses external battery		
Battery charger capacity	3 – 13 A (selectable)		
Battery Voltage	$\pm$ 96 <sup>1</sup> – 120 V (selectable)		
<b>Communications and management</b>			
Interface ports	Serial RS-232, USB (Type B), Intelligent Slot		
Control panel	LED indicators, multi-function LCD, status and display console		
Emergency power off (EPO)	Yes (NC contacts)		
<b>Physical</b>			
Rack height (U)	3U		
Dimensions W x H x D (mm)	130.6 x 438 x 689.4		
Net weight (kg)	25	29	29
Color	RAL 7010		
<b>Environment</b>			
Operating temperature	0 to 40 °C		
Relative humidity	0 to 95% non-condensing		
Operating elevation	0 to 1,000 m at 100% load		
Audible noise at 1 m from unit	Less than 60 dBA		
International Protection Code	IP20		
<b>Conformance</b>			
Regulatory approvals	BIS	CE, IEC 62040-1, IEC 62040-2	
Standard warranty	2 years repair or replace		

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