

RTS-LI standard series

1-3kVA PF=0,8



RTS-LI-1k0-2U-LCD-2x7

RTS-LI-1k5-3U-LCD-2x9

RTS-LI-2k0-3U-LCD-3x9


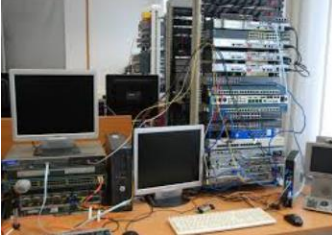




RTS-LI-3k0-3U-LCD-4x9

   VI-SS-111

Features

<ul style="list-style-type: none"> • Pure sine output 	<ul style="list-style-type: none"> • Internal AGM batteries
<ul style="list-style-type: none"> • Line-interactive conversion – topology VI-SS-111 High-frequency 	<ul style="list-style-type: none"> • DSP control porcesor
<ul style="list-style-type: none"> • RACK 19" standard • Tower standalone 	<ul style="list-style-type: none"> • Input power factor – 0,95 • Output power factor – 0,8
<ul style="list-style-type: none"> • Voltage independent 	<ul style="list-style-type: none"> • Fan auto-regulated
<ul style="list-style-type: none"> • Battery auto-charge 	<ul style="list-style-type: none"> • Charging in OFF mode
<ul style="list-style-type: none"> • Autodiagnostic, communication 	<ul style="list-style-type: none"> • Cold start
<ul style="list-style-type: none"> • User menu interface 	<ul style="list-style-type: none"> • USB transmission protocol
<ul style="list-style-type: none"> • Generator allowed 	<ul style="list-style-type: none"> • External battery socket

Typical application

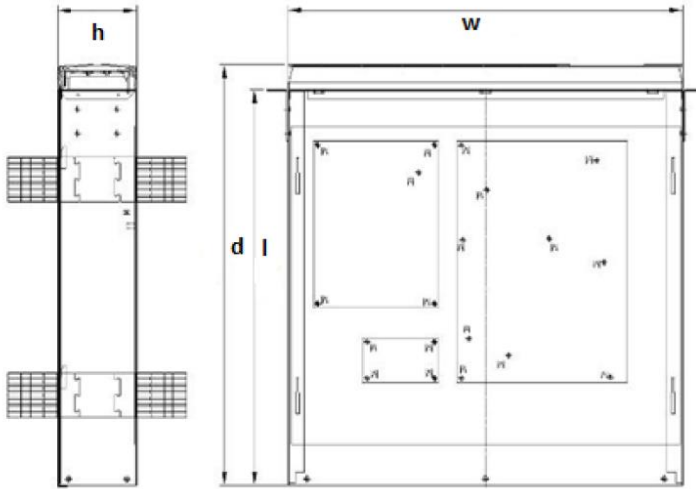
		
Telecommunication systems	Measurments	Industrial
		
Network systems	Offices	Drives

Technical parameters

MODEL	RTS-LI-1k0-2U- LCD-2x7	RTS-LI-1k5-3U- LCD-2x9	RTS-LI-2k0-3U- LCD-3x9	RTS-LI-3k0-3U- LCD-4x9
Rated power (reactive/active)	1000VA/800W	1500VA/1200W	2000VA/1600W	3000VA/2400W
INPUT				
Input voltage	Rated: 230VAC (208V / 220V / 230V / 240V) Input voltage range: 175Vac – 290Vac Bypass: -25%...+15% rated			
Input voltage frequency	Rated: 50/60Hz Auto-select Range: 42-57Hz			
Power factor	PF >0,95			
Connector:	Socket IEC C14			Socket IEC C20
OUTPUT				
Output voltage	Mains mode: 230Vac +/- 5%, Battery mode: 230Vac +/- 5%, Other settings: 208V, 220V, 240V			
Output voltage frequency	50/60Hz ± 1% (auto selection)			
Wave form	Mains mode: pure sine Battery mode: pure sine			
Transfer time	Mains -> battery: <10ms			
THD	THDv <5% linear			
Output sockets	1x IECC13, 1x Schucko	3x IECC13, 3x Schucko		
Efficiency	Max 75%	Max 80%	Max 85%	
PF	0,8			
Crest factor	3:1			
Load type	Resistance, inductor, rectifier			
Overload protections	Mains mode: 110% for 120sek, 125% for 60sek, 150% for 10sek (transfer to bypass) Invertre mode: 110% for 60sek, 125% for 10sek, 150% for 5sek (shut down)			
BATTERIES				
Type:	Lead-acid VRLA AGM, voltage 12V			
Charger current:	1A			
Montage:	Internal			
Battery q-ty :	2 x 7Ah12V	2 x 9Ah12V	3 x 9Ah12V	4 x 9Ah12V
Charger voltage:	24Vdc		36Vdc	48Vdc
Charger time:	5-8h			

MODEL	RTS-LI-1k0-2U- LCD-2x7	RTS-LI-1k5-3U- LCD-2x9	RTS-LI-2k0-3U- LCD-3x9	RTS-LI-3k0-3U- LCD-4x9
Rated power (reactive/active)	1000VA/800W	1500VA/1200W	2000VA/1600W	3000VA/2400W
BACKUP TIME				
Backup for 100% load	2min	2min	2min	2min
Backup for 75% load	3min	3min	3min	3min
Backup for 50% load	7min	5min	7min	5min
Backup for 25% load	17min	17min	17min	17min
Additional battery pack:	1szt KU-BAT-2URT- 2x7-BC24	1szt KU-BAT-2URT- 2x9-BC24	1szt KU-BAT-2URT-3x9- BC36	1szt KU-BAT-2URT-4x9- BC48
DIMMENSION & WEIGHT				
Weight netto/brutto (kg)	14,6/16,8 kg	17,2/20,4 kg	21,3/24,5 kg	26,7/30,5 kg
Dimmension w/l/h. (mm)	440 / 338 / 88mm	440 / 410 / 132mm		
Package w/l/h (mm)	611 / 448 / 208 mm	611 / 505 / 235 mm		
Pallet	40pcs	32pcs		
PROTECTIONS				
Full protection	Overload, short-circuit, overvoltage, temperature, overdischarge, deep discharge			
Sockets	Modem / Tel / Fax			
ENVIRONMENT				
Working temp.	+5...40 °C			
Humidity	20~93% RH @ 0~40°C (non-condensated)			
Noise	< 50bB (1m)			
COMMUNICATION				
USB port	Linux, Windows®98 Server 2016, and Windows®98/2000/2003/XP/Vista/2008/Windows®7/Windows®8/ Windows®10/, UPSmart software			
Slot (1pcs)	Not in standard model			
	SNMP or AS400 card is possible only with special service before first shipment. The special slot need to put in by official service team.			
STANDARDS				
Conversion type:	VI-SS-111			
LVD:	EN62040-1:2008+A1:2013			
EMC:	EN62040-2:2006			

DIMMENSIONS:



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EAN	 5 902135 117347	 5 902135 117354	 5 902135 117361	 5 902135 117378
Rear panel				