

- Stand-alone UPS with 3-phase input
- External battery cabinets

UPS output power rating (0,9 p.f.)							
kVA	8	10	12	15	20	30	40
kW	7,2	9	10,8	13,5	18	27	36
General							
Efficiency in double conversion mode (full load)	92%			93%			
Efficiency in double conversion mode (half load)	90%				91%		
Efficiency in high efficiency mode	up to 98%				-		
Distributed paralleling with Hot Sync technology	4						
Field upgradeable	yes						
Inverter/rectifier topology	transformer-free IGBT with PWM						
Audible noise	< 50 dB						
Altitude (max)	1000 m without derating (max 2000 m)						
Input							
Input wiring	1 ph or 3 ph + N + PE				3 ph + N + PE		
Nominal voltage rating (configurable)	220/380, 230/400, 240/415 V 50/60 Hz						
Input voltage range	Low -20% at 100% load/-50% at 50% load without battery discharge; High +10%/max +20%						
Input frequency range	45-65 Hz						
Input power factor	0,99						
Input ITHD	less than 4,5%						
Soft start capability	Yes						
Internal backfeed protection	Yes						
Output							
Output wiring	1 ph or 3 ph + N + PE						
Nominal voltage rating (configurable)	220/380, 230/400, 240/415 V 50/60 Hz						
Output UTHD	<3% (100% linear load); <5% (reference non linear load)						
Output power factor	0,9 (e.g. 9 kW at 10 kVA)				0,9 (e.g. 27 kW at 30 kVA)		
Permitted load power factor	0,7 lagging - 0,8 leading						
Overload on inverter	10 min 100-110%; 1 min 110-125%; 5 sec 125-150%; 300 ms >150%						
Overload when bypass available	60 min 100-110%, 10 min 110-125%; 1 min >125- 150%						
Battery							
Type	Maintenance-free VRLA batteries, NiCd						
Charging method	ABM technology or Float						
Temperature compensation	Optional						
Battery nominal voltage (lead-acid)	384 V (32x12 V, 192 cells)				432 V (36x12 V, 216 cells)		
Charging current / Model	Default 3 A *Max 30 A				Default 3 A *Max 60 A		
*May be limited by maximum UPS input current rating							

Accessories					
	Isolation transformer, long-life batteries, external battery cabinets, UPS Center (input, bypass, distribution), X-Slot connectivity (Web/SNMP, ModBus/ Jbus, Relay, Hot Sync, ViewUPS-X remote display), Hot Sync parallel tie cabinet, integrated manual bypass, external maintenance bypass switch		Isolation transformer, long-life batteries, external battery cabinets, X-Slot connectivity (Web/SNMP, ModBus/ Jbus, Relay, Hot Sync, ViewUPS-X remote display), Hot Sync parallel tie cabinet, integrated manual bypass, external maintenance bypass switch		
Communications					
X-Slot	2 communication bays				
Serial ports	1 available				
Relay inputs/outputs	2/1 programmable				
Compliance with standards					
Safety (CB certified)	IEC 62040-1, IEC 60950-1				
EMC	IEC 62040-2				
Performance	IEC 62040-3				
In the interests of continuous product improvement all specifications are subject to change without notice.					
Stand-alone UPS with 3-phase input					
Part number	Description	Rating	Back-up (p.f. 0.7)	Dimensions (HxWxD)	Weight
1023411	9355-8-N-15-32x9Ah	8 kVA / 7.2 kW	15 min	817x305x702 mm	160 kg
1023412	9355-8-N-33-64x9Ah	8 kVA / 7.2 kW	33 min	1214x305x702 mm	275 kg
1023413	9355-10-N-10-32x9Ah	10 kVA / 9 kW	10 min	817x305x702 mm	160 kg
1023414	9355-10-N-25-64x9Ah	10 kVA / 9 kW	25 min	1214x305x702 mm	275 kg
1023415	9355-12-N-8-32x9Ah	12 kVA / 10.8 kW	8 min	817x305x702 mm	160 kg
1023416	9355-12-N-20-64x9Ah	12 kVA / 10.8 kW	20 min	1214x305x702 mm	275 kg
1023417	9355-15-N-5-32x9Ah	15 kVA / 13.5 kW	5 min	817x305x702 mm	160 kg
1023418	9355-15-N-15-64x9Ah	15 kVA / 13.5 kW	15 min	1214x305x702 mm	275 kg
1025061	9355-20-N-5-1x9Ah-MBS	20 kVA / 18 kW	5 min	1684x494x762 mm	300 kg
1025062	9355-20-N-13-2x9Ah-MBS	20 kVA / 18 kW	13 min	1684x494x762 mm	400 kg
1025063	9355-20-N-22-3x9Ah-MBS	20 kVA / 18 kW	22 min	1684x494x762 mm	500 kg
1025064	9355-20-N-31-4x9Ah-MBS	20 kVA / 18 kW	31 min	1684x494x762 mm	600 kg
1025065	9355-30-N-7-2x9Ah-MBS	30 kVA / 27 kW	7 min	1684x494x762 mm	400 kg
1025066	9355-30-N-13-3x9Ah-MBS	30 kVA / 27 kW	12 min	1684x494x762 mm	500 kg
1025067	9355-30-N-20-4x9Ah-MBS	30 kVA / 27 kW	20 min	1684x494x762 mm	600 kg
1025795	9355-40-N-8-3x9Ah-MBS	40 kVA / 36 kW	8 min	1684x494x762 mm	517 kg
1025796	9355-40-N-12-4x9Ah-MBS	40 kVA / 36 kW	12 min	1684x494x762 mm	617 kg
External battery cabinets					
1022561	9X55-BAT5-64x7Ah	2x32x7 Ah	Check technical specifications	817x305x699 mm	195 kg
1022562	9X55-BAT5-96x7Ah	3x32x7 Ah	Check technical specifications	1214x305x699 mm	310 kg
1025169	9355-BAT-1x24Ah (30 kVA)	1x36x24 Ah		1684x494x758 mm	510 kg
1025170	9355-BAT-2x24Ah (30 kVA)	2x36x24 Ah		1684x494x758 mm	870 kg