UPS for Marine Applications

DNV Type Approved



SURT1000XLIM with filter SURT023M*



SURT6000XLIM with filter SURT024M*

Technical Specification	SURT1000XLIM	SURTD2200XLIM	SURTD3000XLIM	SURT6000XLIM
OPERATION				
Power Capacity	1000VA (700W)	2200VA (1540W)	3000VA (2100W)	6000VA (4200W)
Input Voltage (default 230V)	208, 220, 230, 240V			
Input Voltage Range (Full Load, t = 40°C)	160V to 280V			
Input Voltage Range (Half Load, t = 40°C)	100V to 280V			
Input Voltage Range (Full Load, t= 55°C)	180V to 280V			
Input Voltage Range (Half Load, t= 55°C)	112.5V to 280V			
Input Frequency Range	45Hz – 65Hz			
Input Connection	IEC 320 C14	IEC 320 C20	IEC 320 C20	Hardwire (H, N,G)
Output Voltage (default 230V)	208, 220, 230, 240V			
Output Voltage Regulation	+/-1%			
Output Frequency	Default: 50/60+/-3Hz autotracking, or fixed 50Hz or 60Hz +/- 0.1Hz			
Efficiency	88%	90%	91%	92%
Output Connections	(6) IEC 320 C13	(8) IEC 320 C13, (2) IEC 320 C19		
BATTERIES & RUNTIME				
Runtime at Full Load	7 min	21 min	14 min	5 min
Runtime with (1) External Battery Pack	47 min	80 min	57 min	21 min
Runtime with (2) External Battery Pack	87 min	144 min	103 min	40 min
External Battery Pack Part Number	SURT48RMXLBP	SURT192RMXLBP		
Maximum Number of Battery Packs	unlimited			
CONNECTIVITY				
Emergency Power Off	NO	YES		
Manual bypass switch	NO	YES		
Relay I/O	Serial port signaling and optional Relay I/O Card AP9613			
Communication Port	DB9 Serial	RJ-50 Serial	RJ-50 Serial	DB9 Serial
Networking (SNMP, Ethernet, etc.)	Optional Network Management Card AP9630 or AP9631 (AP9631 also provides Relay I/O)			
PHYSICAL				
Rack Height	2U	3U		
Dimensions (mm) H x W x D	432 x 85 x 483	432 x 130 x 660		
Weight (Kg)	23	54.5		
Marine Filter * Part Number	SURT023M			SURT024M

* Marine Filter Required for DNV Compliance in applications that require DNV EMC Class B (e.g. the bridge)

by Schneider Electric