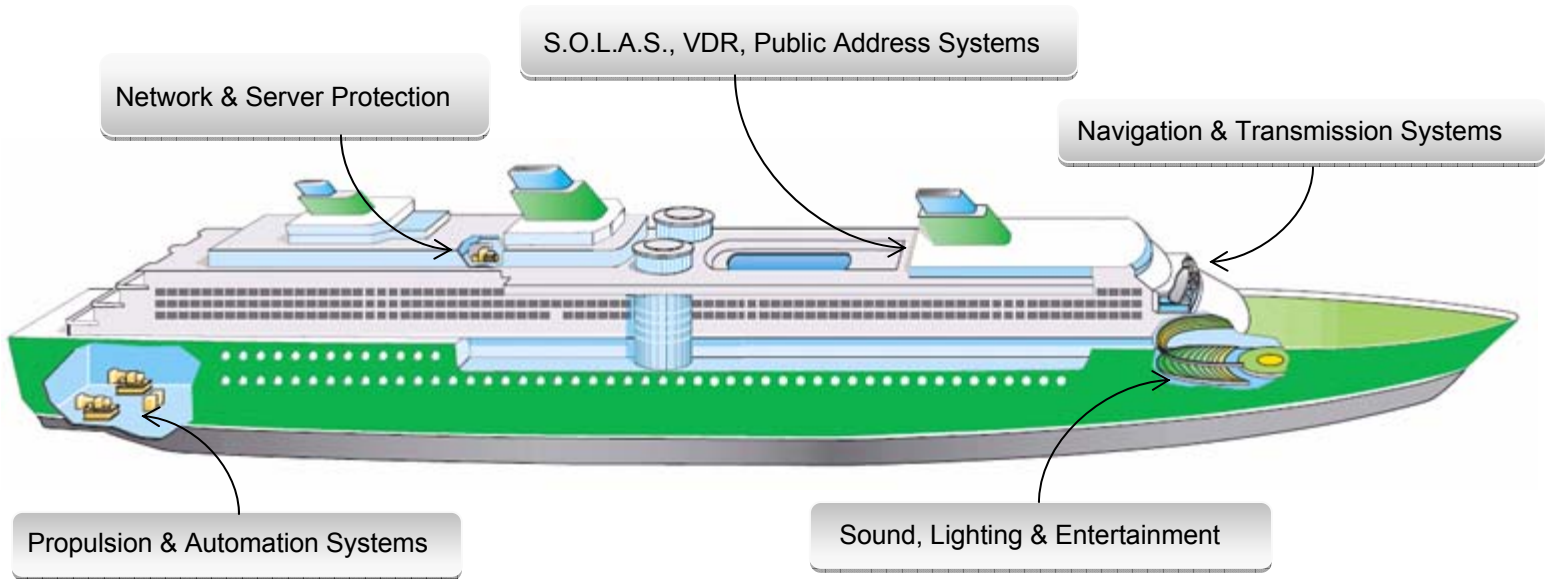


APC Smart-UPS® Online for Marine & Offshore Environments

High density, double-conversion on-line power protection with scalable runtime, ideal for providing uninterrupted power in critical marine applications.



With over 25 years of industry leading power protection experience, APC by Schneider Electric is proud to offer a solution for marine applications. With navigation and communication equipment becoming more sensitive, it is critical to provide clean, uninterrupted power to these on-board applications. APC Smart-UPS® Online for Marine is a perfect fit.



- > Available from 1 to 6 kVA
- > High density and performance suitable for any on-board application
- > Rack/tower convertible for easy deployment and integration
- > Hot-swappable, user replaceable batteries
- > Robust mechanical design
- > DNV Type approval 2.4 for Marine bridge, deck zone, control rooms and automation



APC
by Schneider Electric

APC Smart-UPS® Online for Marine & Offshore Environments



Technical Specifications

| Operation | SURT1000XLIM | SURTD2200XLIM | SURTD3000XLIM | SURT6000XLIM |
|---|------------------------------------|------------------------------------|---|---|
| Power Capacity | 1000VA (700W) | 2200VA (1540W) | 3000VA (2100W) | 6000VA (4200W) |
| Input Voltage (default 230V) | 220, 230, 240V | 220, 230, 240V | 220, 230, 240V | 220, 230, 240V |
| Input Voltage Range (Full Load, t ≤ 40°C) | 160V to 280V | 160V to 280V | 160V to 280V | 160V to 280V |
| Input Voltage Range (Half Load, t ≤ 40°C) | 100V to 280V | 100V to 280V | 100V to 280V | 100V to 280V |
| Input Voltage Range (Full Load, t = 55°C) | 180V to 280V | 180V to 280V | 180V to 280V | 180V to 280V |
| Input Voltage Range (Half Load, t = 55°C) | 112.5V to 280V | 112.5V to 280V | 112.5V to 280V | 112.5V to 280V |
| Input Frequency Range | 45Hz – 65Hz | 45Hz – 65Hz | 45Hz – 65Hz | 45Hz – 65Hz |
| Input Connection | IEC 320 C14 | IEC 320 C14 | IEC 320 C20 | Hardwire (H, N,G) |
| Output Voltage (default 230V) | 220, 230, 240V | 220, 230, 240V | 220, 230, 240V | 220, 230, 240V |
| Output Voltage Regulation | +/-1% | +/-1% | +/-1% | +/-1% |
| Output Frequency | 50/60Hz +/- 3% | 50/60Hz +/- 3% | 50/60Hz +/- 3% | 50/60Hz +/- 3% |
| Efficiency | 88% | 90% | 91% | 92% |
| Output Connections | (6) IEC 320 C13 (2) IEC Jumpers | (6) IEC 320 C13 (2) IEC Jumpers | (8) IEC 320 C13 (2) IEC 320 C19 (2) IEC Jumpers | (8) IEC 320 C13 (2) IEC 320 C19 (2) IEC Jumpers |
| Batteries & Runtime | | | | |
| Runtime at Full Load | 14 min | 21 min | 14 min | 5 min |
| Runtime with (1) External Battery Pack | 70 min | 80 min | 57 min | 21 min |
| Runtime with (2) External Battery Pack | 130 min | 144 min | 103 min | 40 min |
| External Battery Pack Part Number | SURT48RMXLBP | SURT192RMXLBP | SURT192RMXLBP | SURT192RMXLBP |
| Maximum Number of Battery Packs | unlimited | unlimited | unlimited | unlimited |
| Physical | | | | |
| Rack Height | 2U | 3U | 3U | 3U |
| Dimensions (mm) H x W x D | 432 x 85 x 483 | 432 x 130 x 660 | 432 x 130 x 660 | 432 x 130 x 660 |
| Weight (Kg) | 23.0 | 54.5 | 54.5 | 54.5 |
| Emergency Power Off | YES | YES | YES | YES |
| Communication Port | DB-9 RS-232 | RJ-45 Serial | RJ-45 Serial | DB-9 RS-232 |
| Marine Filter * Part Number | SURT023M | SURT023M | SURT023M | SURT024M |
| *Marine Filter Required for DNV Compliance in applications that require DNV EMC Class B (e.g. the bridge) | | | | |

