

Reference list navy with SAE Equipment.

Ship Type	Class	Ship Name	Navy	Customers	Power (KVA)	Equipments
Aircraft Carrier	Garibaldi	Garibaldi	Italian Navy	Fincantieri S.p.A.	40	Transformer
Amphibious transport dock	S.Giorgio	S. Giorgio	Italian Navy	Fincantieri S.p.A.	20	Transformer
		S.Marco			20	Transformer
		S. Giusto			20	Transformer
Logistic Support Vessel	Etna	Etna	Italian Navy	Fincantieri S.p.A.	30	Transformer
					60	UPS System
Light Combatant Ships	Comandante	Cigala Fulgosi	Italian Navy	Fincantieri S.p.A.	15	UPS System
		Borsini			15	UPS System
		Bettica			15	UPS System
		Foscari			15	UPS System
		Sirio			15	UPS System
		Orione			15	UPS System
Oceanography Ship	Aretusa	Aretusa	Italian Navy	Fincantieri S.p.A.	30	UPS System
Patrol Boat	Diciotti	Diciotti	Italian Coast Guard	Fincantieri S.p.A.	6	UPS System and Frequency Converter
		Dattilo			6	UPS System and Frequency Converter
		Fiorillo			6	UPS System and Frequency Converter
		Pelosi			6	UPS System and Frequency Converter
		Corsi			6	UPS System and Frequency Converter
Patrol Boat	Di Bartolo	Di Bartolo	Italian Coast Guard	Fincantieri S.p.A.	6	UPS System
		Avallone			6	UPS System
		Oltramonti			6	UPS System
Frigates	Horizont	Andrea Doria	Italian Navy	Calzoni S.p.A.	10	UPS System + power supply
		Caio Duilio	Italian Navy	Calzoni S.p.A.	10	UPS System + power supply
		Forbin	French Navy	Calzoni S.p.A.	10	UPS System + power supply
		Chevalier Paul	French Navy	Calzoni S.p.A.	10	UPS System + power supply
Aircraft carrier	Cavour	Cavour	Italian Navy	Fincantieri S.p.A.	30	Frequency Converter
				C.I.S.DEG	90	Transformer
				C.I.S.DEG	50	Distribution box
Aircraft carrier CVF	Queen Elizabeth	Queen Elizabeth	Royal Navy	Wartisila Defence	6	UPS System
School ship	Amerigo Vespucci	Amerigo Vespucci	Italian Navy	Selex S.p.A.	16	UPS System
303' PLATFORM SUPPLY VESSEL	MMC 887 LH		U.S.Coast Guard	Fincantieri Marine Group (FMG) USA	6	UPS DC System
ASW VESSEL	ABU DHABI Class	Hull 6220	UAE Navy	Fincantieri S.p.A.	40	UPS System
					35	UPS System
					15	UPS System
					10	UPS System
					15	UPS System
					5	FC Combat System
					30	Converter Helicopter
					22	Supply 28,5 VDC Helicopter



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SAE Electronic Conversion srl
16163 GENOVA – Lungotorrente Secca, 12R
TEL. +39 010.726 18 34 FAX +39 010.726 18 36
www.sae-electronic.com – E-mail: info@saepowerelectronic.it
CF e P.IVA IT01229200991 – CCIAA REA : GE-394105

Ship Type	Class	Ship Name	Navy	Customers	Power (KVA)	Equipments
Frigates	FREMM	Carlo Bergamini	Italian Navy	Fincantieri S.p.A.	120	UPS System
					60	UPS System
		45			Frequency Converter	
		5			Frequency Converter	
		120			UPS System	
		60			UPS System	
		45			Frequency Converter	
		5			Frequency Converter	
		120			UPS System	
		60			UPS System	
		45			Frequency Converter	
		5			Frequency Converter	
		120			UPS System	
		60			UPS System	
45	Frequency Converter					
5	Frequency Converter					
Frigates	FREMM	Federico Martinengo	Italian Navy	Fincantieri S.p.A.	120	UPS System
					60	UPS System
		45			Frequency Converter	
		5			Frequency Converter	
		120			UPS System	
		60			UPS System	
		45			Frequency Converter	
		5			Frequency Converter	
		120			UPS System	
		60			UPS System	
		45			Frequency Converter	
		5			Frequency Converter	
		120			UPS System	
		60			UPS System	
45	Frequency Converter					
5	Frequency Converter					
Fleet Tankers	Deepak	INS Deepak	Indian Navy	Fincantieri S.p.A.	5	UPS System Hospital board
					30	Helicopter supply & starting
					10	AC/AC Converter
					14	Converter System
					120	Converter System
		INS Shakti			5	UPS System Hospital board
					30	Helicopter supply & starting
					10	AC/AC Converter
					14	Converter System
					120	Converter System
Destroyers	Kolkata (P15)	Kolkata	Indian Navy	Avio S.p.A	6	UPS System
					6	UPS System
		Rajput			6	UPS System
					6	UPS System
		Delhi			6	UPS System
					6	UPS System
					6	UPS System
					6	UPS System



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Ship Type	Class	Ship Name	Navy	Customers	Power (KVA)	Equipments
Aircraft carriers	Vikrant (P71)	Vikrant	Indian Navy	Wartisila Defence	8,7	UPS System
Chasseur Des Mines	CDMA1	l'El Kasseh 1	Algérian Navy	Intermarine S.p.A	10	UPS System
					5	UPS System
Chasseur Des Mines	CDMA2		Algérian Navy	Intermarine S.p.A	268	Shore Converter System
					10	UPS System
BDSL – Batiment de Debarquement et de Soutien Logistique	Type San Giusto	Kalaat Beni-Abbes	Algérian Navy	Fincantieri S.p.A	5	UPS System
					5	UPS System
					1540	Shore Converter System
Aircraft carrier	LHD	Trieste	Italian Navy	Seastema S.p.A	45	Converter for Helicopter
					34	28 Vdc Converter for Helicopter
Multi-purpose offshore patrol boats	PPA	Paolo Thaon di Revel	Italian Navy	Seastema S.p.A	15	UPS System
Aircraft carrier	Cavour	Cavour	Italian Navy	Fincantieri S.p.A.	78	CONVERTER 270 Vdc for starting F35



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Some examples of MIL-STD regulations applied on products supplied

UPS and Batteries to be installed in the Chasseur Des Mines Algérienne -
IEC 62040 UNINTERRUPTIBLE POWER SYSTEMS (UPS)
MIL-S-901 D "SHOCK TESTS. H.I. (HIGH-IMPACT) SHIPBOARD MACHINERY, EQUIPMENT, AND SYSTEMS, REQUIREMENTS FOR"
MIL-STD-167 "MECHANICAL VIBRATIONS OF SHIPBOARD EQUIPMENT"
MIL-STD-740-1/2 "AIRBORNE AND STRUCTUREBORNE NOISE MEASUREMENTS AND ACCEPTANCE CRITERIA OF SHIPBOARD EQUIPMENT"
MIL-STD-461 E "REQUIREMENTS FOR THE CONTROL OF ELECTROMAGNETIC INTERFERENCE CHARACTERISTICS OF SUBSYSTEMS AND EQUIPMENT"
MIL-STD-1472-D « DESIGN CRITERIA STANDARD, HUMAN ENGINEERING »
IEC 61363 "PROCEDURES FOR CALCULATING SHORT-CIRCUIT CURRENTS"
IEC 60332 "TESTS ON ELECTRIC AND OPTICAL FIBRE CABLES UNDER FIRE CONDITIONS"
IEC 60228 "CONDUCTORS OF INSULATED CABLES"
MIL-STD-769 "THERMAL INSULATION REQUIREMENTS FOR MACHINERY AND PIPING"

UPS and Batteries to be installed in the LHD MMI UPS AUTOMATION
MIL-S-901 D "SHOCK TESTS. H.I. (HIGH-IMPACT) SHIPBOARD MACHINERY, EQUIPMENT, AND SYSTEMS, REQUIREMENTS FOR" NAV 30 A001

UPS and Batteries to be installed in the FREMM MMI UPS AUTOMATION
MIL-S-901 D "SHOCK TESTS. H.I. (HIGH-IMPACT) SHIPBOARD MACHINERY, EQUIPMENT, AND SYSTEMS, REQUIREMENTS FOR" NAV 30 A001

