RSS

Solutions You Can Trust

RSS is your go-to partner for temporary power and cooling rental solutions in the Middle East

ISO 9001:2015 Accredited Company

OUR VISION

Our vision is to be the Middle East's partner of choice for temporary power and cooling solutions, respected and recognised for our people, our products and our passion.

OUR MISSION

RSS is a leading provider of temporary power and cooling solutions in the Middle East, supported by a team of committed people delivering great service.

OUR VALUES

We are knowledge-driven
We are customer-focused
We put safety first
We are results-oriented

OUR STORY

Ranging from the rental of equipment to the provision of integrated engineered solutions for specific projects, we are here to help you achieve your business goals. Whatever the challenge, our technical experts will analyse your needs and provide the solution and service to match.

Our power and cooling equipment is best in class, offering among the most reliable and fuel-efficient equipment in the market, and with a decade of specialist experience in the Middle East, we have the regional knowledge and technical expertise you can rely on.

Our customers are at the heart of the RSS business, with every RSS team member dedicated to delivering the best solution for every project, every time.

"With more than a decade of operations in the Middle East, we have the market knowledge and experience you can rely on"

TIMELINE

2007

RSS, a leading provider of temporary power and cooling rental solutions, was established in the UAE and opened its first office in Dubai

2008

RSS expands to Bahrain and Saudi Arabia with new offices located in Manama and Dammam.

2009

RSS expands in the UAE by setting up business in Abu Dhabi

2014

RSS expands its Saudi Arabian operation with a second office in Jeddah.

2015

RSS mobilises major Projects in East Africa, delivering more than 50MW.

2016

RSS is acquired by a European Investment Fund and appoints a new senior leadership team to drive an ambitious growth and expansion plan.

2017

RSS invests in new equipment, including multi-million dollar investments in top-of-the-range generators from JCB.

2017

RSS rebrands and celebrates its 10th anniversary with the launch of its new corporate identity.

2017

RSS achieves ISO 9001:2015 accreditation, a reflection of our commitment to quality, health and safety in all aspects of the business.

2018

RSS continues its investment in new equipment, taking its total investment to more than $20m in two years.

2019

RSS established as the go to Partner in the Events Industry in UAE and KSA.

OUR SERVICES

We are present across the GCC, with businesses in Bahrain, Saudi Arabia and the UAE. We provide temporary power and cooling solutions throughout this region.

“We are RSS, your strategic partner offering global experience, regional knowledge and technical expertise”

RSS has invested heavily in a new range of generators, and between 2017 and 2020 increased the size of its generator fleet by more than 300%. This significant investment enables us to serve more customers in more sectors. These include: Events, Oil & Gas, Petrochemical, Utilities, Construction, Shipping, Industrial and Manufacturing.

Our equipment is among the most efficient in the market, with RSS committed to international standards of quality, health, and safety. Most recently, we have achieved ISO 9001 accreditation, testament to our commitment to ensuring quality underpins everything we do, from our equipment and services to our people and training.

We offer customised HVAC and cooling solutions and rapid response for emergency breakdowns, with specialist technicians offering 24/7 customer service, available to help you when you need it most.

RSS at a glance:

- Offices across the GCC
- Servicing a wide range of industries
- 10+ years’ experience in the Middle East
- Technical experts with regional knowledge
- Providing integrated engineered solutions for your projects
- Bespoke rental specification equipment
- State-of-the-art equipment built to our own rental specifications from leading manufacturers
- Providing high and low voltage power generation solutions
- Delivering 24-7 customer service
- Passionate team committed to mutual success
- Stringent maintenance schedules and processes for all equipment
- Aligned with international quality, healthy and safety standards
- ISO 9001:2015 accredited

OUR POWER SOLUTIONS

RSS bolstered its generator range between 2017 and 2020 with multi-million-dollar investments in best-in-class generators, offering among the most reliable and fuel-efficient power generation equipment available in the market.

The RSS equipment is manufactured to full rental specification, with acoustically sound-proofed canopies and containers as standard. It includes generators with a capacity from 30kVA to 1250kVA.

We only work with leading manufacturers of high quality diesel-fuelled engines, including Cummins, JCB, John Deere and Volvo. Our equipment has supported the construction and operation of many of the Middle East's most iconic projects.

Customers also use our generators for short and medium-term projects, enabling the operation of a range of events, festivals, concerts and sporting tournaments as well as servicing core industries such as Utilities, Petrochemicals, Manufacturing, Industrial and Oil & Gas.

Our power solutions are also used by customers to power our cooling products, delivering a complete solution.

OUR LATEST POWER EQUIPMENT

JCB

The new RS (rental specification) range of JCB generators were added to the RSS fleet of equipment in 2017, making us one of the first companies in the Middle East to offer these new high specification rental generators from one of the world's leading manufacturers.

Manufactured in the UK, they range in sizes from 30kVA to 1000kVA and are powered by the latest Stage IIIA engine technology, offering an efficient and reliable power solution.

The new RS equipment range provides you with emission-compliant generators.

In addition, the JCB Live-Link for power feature lets you monitor and manage your generator's performance anywhere in the world.

Cummins

The RSS range of canopy and container manufactured Cummins generators range from 30kVA to 1250kVA and offer flexibility and performance across many different applications.

The Cummins containerised generators range from 640kVA to 1250kVA and are bound by the Cummins Power Command Control Systems. As an internationally-recognised power generator and engine supplier, Cummins is a brand our customers know and trust.

POWERING THE MIDDLE EAST

Find the generator that best suits your needs. Select from the RSS range and our expert team will tailor the perfect solution.

The RSS power generation fleet is supported by bunded fuel tanks (500 to 5,000 gallon capacities), LV electrical distribution, LV cable, transformers, and load banks.

Essential definitions

Prime power is the nominal output continuously available, where the average load (variable) does not exceed 70% of the prime power rating. 10% overload is available for a maximum of 1 hour in 12 hours of operation.

Standby power is the maximum output available, for up to 500 hours per year, where the average load (variable) does not exceed 70% of the standby power rating. No overload is available.

SRC (Standard Reference Conditions): air temperature 25°C (77°F), barometric pressure 100kPa, [110m (361ft) altitude], 30% relative humidity.

JCB Product Range - EU stage IIIA certified

Model	Canopy	Engine	50Hz 400/230 V				60Hz 480/277 V				Dimensions			Operating weight (kgs)	Sound pressure
			Prime rating		Standby rating		Prime rating		Standby rating		Length (mm)	Width (mm)	Height (mm)	Wet Weight	50Hz at 1m 75% Load (dBA)
			kVA	kWe	kVA	kWe	kVA	kWe	kVA	kWe					
30kVA	Canopy	Mitsubishi	30	24	33	26	N/A	N/A	N/A	N/A	2,265	950	1,508	1,000	72
60kVA	Canopy	JCB DieselMax	60	48	66	53	60	48	66	53	3,035	1,200	1,800	2,280	77
125kVA	Canopy	JCB DieselMax	125	100	140	112	125	100	140	112	3,035	1,200	1,800	2,385	78
200kVA	Canopy	John Deere	200	160	220	176	200	160	219	175	3,800	1,270	2,033	3,500	77
300kVA	Canopy	John Deere	300	240	330	264	320	256	350	280	4,120	1,610	2,205	4,340	78
500kVA	Canopy	Volvo	500	400	550	440	569	455	625	500	4,832	1,550	2,334	5,990	80

Cummins Product Range

Model	Canopy/ Container	Engine	50Hz 400/230 V				60Hz 480/277 V				Dimensions			Operating weight (kgs)	Sound pressure
			Prime rating		Standby rating		Prime rating		Standby rating		Length (mm)	Width (mm)	Height (mm)	Wet Weight	50Hz at 1m 75% Load (dBA)
			kVA	kWe	kVA	kWe	kVA	kWe	kVA	kWe					
30kVA	Canopy	Cummins	30	24	33	26	35	28	39	31	2,344	990	1,694	1,301	74
60kVA	Canopy	Cummins	63	50	70	56	69	55	75	60	2,600	1,044	1,516	1,565	76
125kVA	Canopy	Cummins	125	100	137.5	110	169	135	187.5	150	4,000	1,107	2,246	3,679	76
220kVA	Canopy	Cummins	250	200	275	220	281	225	313	250	4,254	1,424	2,215	4,511	77
300kVA	Canopy	Cummins	300	240	330	264	344	275	375	300	4,259	1,424	2,135	4,611	77
500kVA	Canopy	Cummins	500	400	550	450	563	450	625	500	5,106	1,553	2,447	6,280	79
640kva	Container	Cummins	640	512	706	565	681	545	750	600	6,058	2,438	2,591	10,594	79
1000kva	Container	Cummins	1000	800	1110	888	1150	920	1265	1012	6,058	2,438	2,591	17,090	79
1250kva	Container	Cummins	1258	1005	1400	1120	1400	1120	1588	1270	6,058	2,438	2,591	19,400	89

TransCube fuel tank

Model	Capacity (ltr)	Capacity (gal)	Dimensions			Capacity (gal*)	Dimensions			Approvals
			Length (mm)	Width (mm)	Height (mm)		Length (ft)	Width (ft)	Height (ft)	
20TCG	2,000	440*	2,300	1,150	1,320	440	7'5"	3'7"	4'3"	UL142, ADRIBC
50TCG	4,500	1,000*	2,300	2,300	1,320	1,000	7'5"	7'5"	4'3"	UL142, ULC

Incumbent Fuel Tanks

Model	Capacity (ltr)	Dimensions			Capacity (gal*)	Dimensions			Approvals
		Length (mm)	Width (mm)	Height (mm)		Length (ft)	Width (ft)	Height (ft)	
FT-500	#N/A	2,510	1,200	1,250	500	8' - 2 8/10"	3' - 11 2/10"	4' - 1 2/10"	UL 142/BS2594
FT-1000	#N/A	4,650	2,300	1,250	1,000	15' - 3 1/10"	7' - 6 6/10"	4' - 1 2/10"	UL 142/BS2594
FT-2000	#N/A	2,700	2,300	2,300	2,000	8' - 10 3/10"	7' - 6 6/10"	4' - 1 2/10"	UL 142/BS2594
FT-5000	#N/A	6,058	2,438	2,591	5,000	19' - 10 5/10"	8' - 0"	8' - 6"	UL 142/BS2594

Notes:
- The above ratings may be subject to derate at different operating conditions
- All power ratings and reference conditions in accordance with ISO 8528-1 and ISO 3046-1
- All designs and specifications subject to change without notice

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OUR COOLING SOLUTIONS

RSS designs, installs and operates temperature control solutions across the Middle East with a large fleet of chillers and HVAC equipment. This includes air handlers, pumps, valves and standalone air conditioning systems.

We use combinations of fixed and variable frequency drive cooling equipment to maximise the efficiency of our solutions. This gives customers greater control over their power consumption, enabling them to reduce their operational costs.

Our temperature control packages are used to cool and maintain the temperature of facilities in almost any environment, from construction sites to petrochemical plants.

Wild air cooling keeps work space at optimum temperatures, enabling operations to continue as normal.

Our full range of chilled water cooling solutions fill the gaps left by incidents such as a lag between project handover or connection to permanent district cooling. We ensure your industrial, hotel, office, retail or housing development remains useable, rentable and saleable, no matter the climate.

RSS also offers bespoke solutions to industrial process cooling requirements, both with large and small capacity, and has serviced many critical projects across the Middle East.

The entire RSS fleet of chillers and HVAC equipment is adapted to rental specifications.

Cooling equipment at a glance

- Our equipment and installation solutions provide the best available KW per Ton of Refrigeration
- Our equipment is highly efficient in high ambient, high load conditions, while our designed temporary cooling solutions offer greater flexibility and efficiency than many offered by our competitors
- All chilled water hoses can be insulated and supplied with a 150PSI (10-bar) test certificate when required
- Our complete installations are pressure tested to ensure the integrity of the systems before operation

OUR LATEST COOLING EQUIPMENT

Johnston Controls (York) Air Cooled Water Chillers

Our JCI manufactured chillers are fitted with integral microprocessor control and safety systems. They are specified for rental use to suit maximum performance and efficiency and are reliably maintained by your trusted engineers at RSS.

The YAEP reciprocating chillers provide high performance and maximum efficiency when operational at full load; the latest RSS YVAA Variable Frequency Drive (VFD) chillers offer exceptional efficiency when operational between loads of 25-80%.

RSS cooling solutions, including Air Conditioning, process cooling and events cooling requirements, are designed, installed and operated making the very best use of these performance options and efficiencies.

RSS YAEP and YVAA Chiller Fleet

Model RSS Fleet Reference	Manf	Nominal Cooling Capacity		Capacity in Amb 46°c at LWT 7°c		Chilled Water Flow Rate Range (L/sec)		Absorbed Power Kw (Amb 46°c LWT 7°c)	Electrical Supply Data	Maximum Operating Current at 400volts	Sound DBA	Unit Weight Kg	Unit Dimensions (mm) including frames and bases supports			Refrigerant
		Tr	KW	Tr	KW	Min	Max						Length	Width	Height	
140	YORK (V)	140	490	127	446	9.4	40.5	178	380/415volt 3Ph 50HZ	405	104	4400	3500	2400	2700	R22
140	YORK (W)	154	545	141	497	15.8	50.7	187	380/415volt 3Ph 50HZ	405	104	4900	3500	2400	2700	R22
200	YORK	200	703	195	686	9.4	40.5	242	380/415volt 3Ph 50HZ	542	106	6000	6000	2400	2700	R22
225	YORK	225	790	202	712	15.8	50.7	251	380/415volt 3Ph 50HZ	542	106	6400	6000	2400	2700	R22
215	YORK	215	756	219	771	16	62	346*	380/415volt 3Ph 50HZ	542	78	7400	8000	2400	2800	R134A

NOTE: LWT - Leaving Water Temperature - Amb Ambient Air Temperature

NOTE: LWT set point range -12°c to 12°c - Chiller normal operating range in Ambient Air 4.5°c to 52°c

NOTE: for Chiller operation LWT set below 4°c sufficient Glycol must be present in chilled water to reduce freezing point 6°c below set-point (-12°c minimum set-point)

NOTE: Minimum possible LWT set-point for Chillers without Glycol protection is 4°c (4.5°c for YVAA Chillers)

NOTE*: YVAA Chillers provide significant efficiency performance improvement when operated at loadings below 80%, in all ambient conditions (minimum loading 25%)

RSS also carries a comprehensive range of Air Handling Units, AC and Split AC Packages to deliver a complete Cooling service to its Customers.

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OUR COMMITMENT TO QUALITY

At RSS, quality, health and safety underpins everything we do, from our internal processes to our customer service. Quality, health and safety comes first at all stages of the temporary power and cooling process and this applies as much to our people and training as it does to our equipment and services.

ISO 9001 REGISTERED COMPANY QMS GLOBAL

"RSS is driven by a commitment to quality that underpins everything we do"

We believe that in order to be the most effective and efficient partner, our systems and processes must set the most stringent quality, health and safety protocols in the market. Our company culture is driven by an overarching commitment to continuous improvement, with every team member focused on putting quality, health and safety first.

Our empowerment policy promotes confidence and trust among our employees, which ensures they champion the causes that mean so much to us. This means our employees can concentrate on providing a quality service to our customers.

For us, complying with legislation, regulation and best industry standards is the bare minimum we can do. Our quality and safety management systems go beyond, enabling us to create a productive, efficient and stimulating environment for our colleagues, contractors and customers alike.

Our ISO9001:2015 accreditation, an internationally-recognised quality management system standard, is testament to our daily efforts and commitment. By partnering with RSS, not only do we provide a complete solution for all your temporary power and cooling rental needs, we offer you the peace of mind that quality, health and safety will be as it should be.

OUR PEOPLE

RSS is a people-powered business, with customers and colleagues at the heart of everything we do.

“At RSS, we recruit great people to deliver great service”

Our dynamic management team is committed to adding value to the business, our customers and our employees. The philosophy behind this is simple: we recruit great people to deliver great service.

Together, we have a shared goal to deliver the highest quality solutions and services in the marketplace. Our committed team take pride in their work and strive to offer the best in class, working with you for mutual success.

Quality, health and safety is paramount, but we don’t just adhere to regulations – we go above and beyond to ensure our customers, our colleagues and our equipment are protected.

We are accessible and helpful and share our knowledge to deliver the best and most efficient solution for every project.

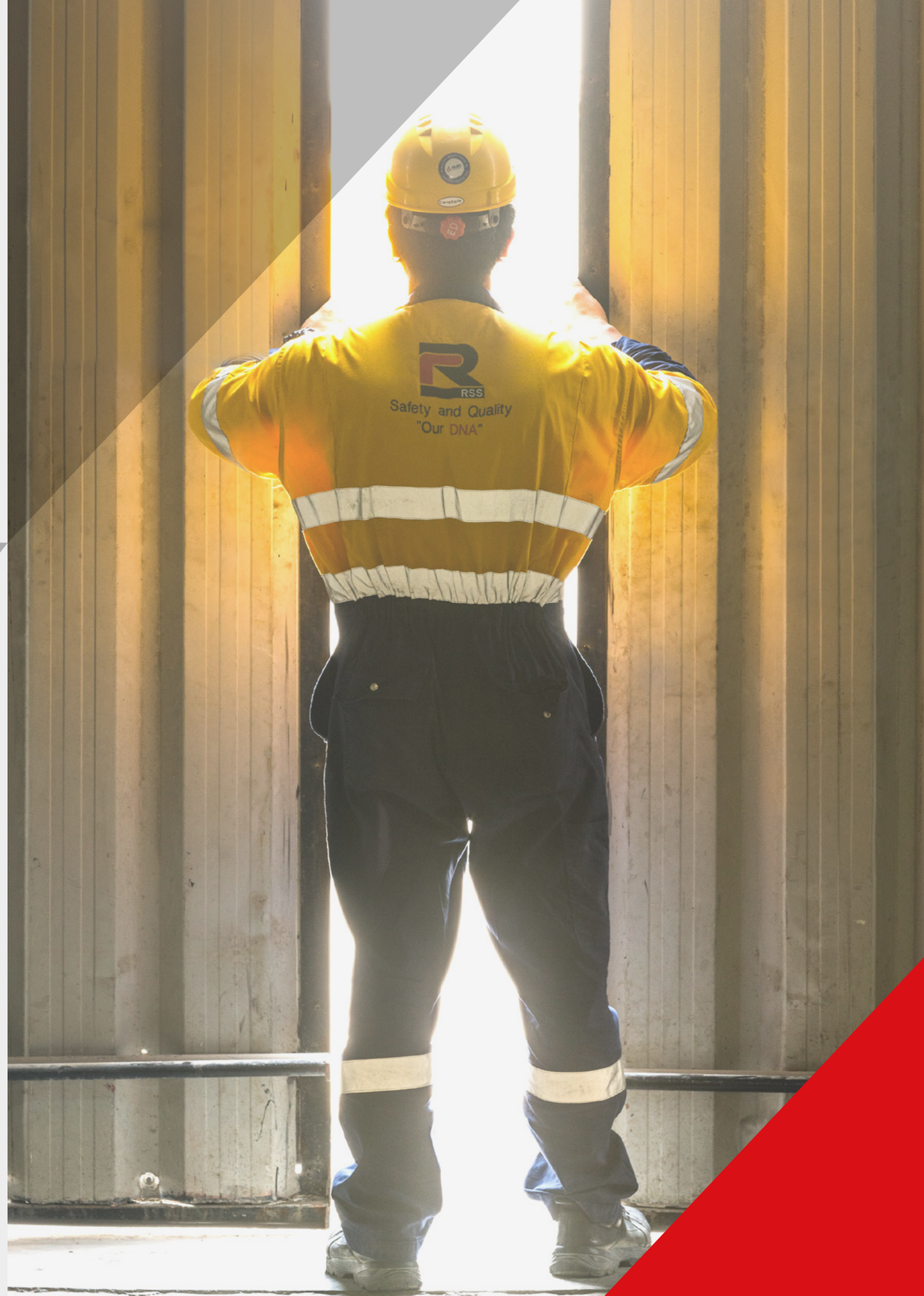
We are the people you can rely on, with the solutions you can trust.

CONTACT

Head Office – Dubai
Tel: + 971 4 884 9699
Email: sales@rss.ae

Bahrain
Tel: +973 771 664 98
Email: sales@rss.ae

Saudi Arabia
Tel: +966 5352 62455
Email: sales@rss.ae



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