



ENERGY SERVICES

TEST EQUIPMENT RENTAL

COMPANY PROFILE

Trusted Engineering. Reliable Solutions.

*Electrical Test Equipment Rental, Testing, Commissioning & Maintenance
Services across the UAE, Bahrain, Saudi Arabia and Spain*



Wide Range of
Test Equipment



Quality & Safety
Assured



Expert Technical
Support



Serving Multiple
Locations

SERVING ACROSS

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Bahrain

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Who We Are

SKYSUN Energy Services is a trusted electrical engineering company specializing in test equipment rental, electrical testing, commissioning support, and maintenance services across the Middle East and Spain.

Founded with a clear vision — to provide the power industry with reliable engineering expertise and access to world-class electrical testing equipment without the high cost of ownership — SKYSUN Energy combines deep engineering knowledge with a modern rental fleet of premium electrical test equipment.

We proudly support utilities, EPC contractors, and industrial clients throughout the UAE, Bahrain, Saudi Arabia and Spain with equipment, technical expertise, and responsive customer service. Our commitment to quality, reliability, and customer satisfaction has made SKYSUN Energy a trusted partner for organizations involved in the construction, commissioning, operation, and maintenance of electrical power systems.

5000+

Projects Supported

700+

Satisfied Clients

10+

Countries Served

24x7

Technical Support

Why Choose SKYSUN Energy

- Extensive inventory — top brands including Omicron, Megger, Fluke, DV Power, Baur, High Voltage Inc., Hioki, Tektronix and FLIR, all fully calibrated and certified
- 24/7 dedicated technical support
- Competitive, cost-effective rental rates without compromising quality
- Same-day delivery available, with free transportation across the UAE, Bahrain, Saudi Arabia and Spain
- On-demand testing engineers for equipment operation and analytical reporting
- Strategic regional hubs in four countries for fast, reliable logistics

What We Do

SKYSUN Energy provides end-to-end solutions for electrical testing, commissioning, and maintenance, with our core business centred on the rental of premium electrical test equipment. We support the full lifecycle of power system assets — from installation and commissioning through routine testing and long-term maintenance.



Test Equipment Rental

Rental of premium electrical testing equipment from globally recognized manufacturers, available daily, weekly or monthly. Every unit is calibrated, certified, and supplied ready for immediate deployment — our core business focus.



Electrical Testing Services

Advanced testing and diagnostic services for transformers, cables, switchgear, circuit breakers and protection systems, using Omicron and other world-class equipment for accurate, reliable results.



Commissioning Support

Complete commissioning support for substation equipment and power systems, delivered by experienced engineers to ensure reliable, standards-compliant handover.



Electrical Panel Maintenance & Installation

Preventive and corrective maintenance, panel installation, and electrical works to ensure reliability, minimise downtime and extend asset life.

How Rental Works

01

Enquire

Tell us the equipment and dates you need.

02

Confirm

We match you with calibrated, certified units at competitive rates.

03

Deliver

Same-day delivery available, with free transportation across our regions.

04

Support

On-demand engineers and 24/7 technical support for the full rental period.

Industries We Support

Power Utilities

EPC Contractors

Transmission & Distribution

Renewable Energy

Industrial Plants

Oil & Gas

Data Centres

Commercial Infrastructure

Featured Equipment Spotlight

A closer look at some of the flagship instruments in our rental fleet, including our latest additions for motor diagnostics, partial discharge detection, and thermographic inspection.

CPC 100
Omicron — Primary Injection Test Set
All-in-one primary test system replacing several single-purpose testers. Up to 800 A / 2000 V (2000 A / 12–15 kV with boosters), 15–400 Hz variable frequency, just 29 kg for one-person site testing.

CMC356
Omicron — Six-Phase Secondary Injection Set
Universal relay, meter and power-quality test set with six voltage and six current channels for protection relay commissioning and maintenance.

TESTRANO 600
Omicron — Three-Phase Transformer Test System
Combines turns-ratio, winding resistance, demagnetization and other transformer tests in one fully automated three-phase instrument — faster diagnostics with fewer connections.

CIBANO 500
Omicron — Circuit Breaker Analyzer
3-in-1 test system performing timing, dynamic contact resistance (DCRM) and coil current measurement in a single test on medium- and high-voltage circuit breakers.

MPD 800
Omicron — Partial Discharge Test Kit
Universal partial discharge measurement and analysis system with up to 8 synchronized channels for transformers, cables, GIS, motors and generators.

Viola TD
Baur — VLF High Voltage & Tan Delta Test Kit
Combines VLF AC withstand testing with tan delta (dissipation factor) diagnostics for condition assessment of medium-voltage cable insulation.

TORKEK 900
Megger — Battery Load Unit
Precision battery capacity and discharge testing for stationary batteries, with automated capacity calculation and programmable discharge profiles.

MOM600
Megger — Micro-Ohmmeter
600 A micro-ohmmeter for transformer and breaker contact resistance testing with high measurement accuracy.

DILO 3-038R-R402V2B
DILO — Multi Analyser, SF6 Gas Analyzer
Multi-gas analyzer for SF6 quality assessment — purity, moisture and SO2 in a single, rare-to-find rental unit.

EXP4000
Megger (Baker) — Dynamic Motor Analyzer
On-line predictive-maintenance analyzer for running motors — vibration, current and voltage signature analysis in one unit.

Our Equipment Rental Fleet

SKYSUN Energy maintains an extensive, fully calibrated fleet of electrical test equipment from leading global manufacturers — including Omicron, Megger, Fluke, Baur, High Voltage Inc., DV Power, Emerson, Kilovolt, FLIR, Tektronix and Extech. The full rental fleet, organized by test category, is listed below. A complete, continuously updated equipment list with datasheets is available at: www.skysunenergy.com/equipmentrental

Primary Injection Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Primary injection test equipment	Omicron	CPC 100	All-in-one primary injection tester for CTs, VTs, breakers, cables & grounding systems
Primary injection test equipment (7000A continuous)	Megger	ODEN AT/3H	High-current primary injection for breaker contact & thermal testing up to 7000 A
Current Booster (2000A)	Omicron	CP CB2	Extends CPC 100 output to 2000 A for heavy primary current testing
Primary injection test set	Megger	CSU 600	Primary current injection for breaker, CT & busbar testing

Secondary Injection Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Secondary injection test kit, six phase	Omicron	CMC356	Six-phase relay, meter & power quality test set for protection commissioning
Single phase secondary injection test kit	Megger	Sverker 760	Single-phase secondary injection for relay & protection testing
Single phase secondary injection test kit	Megger	Sverker 780	Single-phase secondary injection with extended test functions
Omicron GP	Omicron	CM GPS 588	GPS-synchronised time reference for multi-end protection testing
Single phase secondary injection test kit	Megger	Sverker 900	Single-phase secondary injection for relay & protection testing
Secondary injection test kit	Megger	FREJA 300	Multi-phase secondary injection for relay testing & commissioning

Contact Resistance Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Digital low resistance ohmmeter	Megger	DLRO10	10 A low resistance testing of joints, busbars & breaker contacts
Micro ohm meter	DV Power	RMO H23	Portable micro-ohmmeter for winding & contact resistance
Micro ohm meter	DV Power	RMO H3	Compact micro-ohmmeter for field resistance measurements
Micro ohm meter	Megger	MOM600	600 A micro-ohmmeter for transformer & breaker contact testing
Micro ohm meter	Megger	MOM200	200 A micro-ohmmeter for lighter-duty resistance testing

Circuit Breaker Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Breaker test and programming unit	ABB	EKIP	Programming & test unit for ABB low-voltage breaker trip units
Circuit breaker analyzer	Omicron	CIBANO 500	3-in-1 timing, DCRM & coil current testing for MV/HV breakers
Circuit breaker analyzer	Megger	EGIL	Circuit breaker timing & contact travel analysis
Vacuum interrupter tester	Megger	Vidar	Vacuum interrupter contact & vacuum-integrity testing
Circuit breaker analyzer	DV Power	CAT 35	Circuit breaker analyzer for timing & travel measurement

High Voltage Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
VLF AC high voltage and tan delta test kit	Baur	Viola TD	VLF withstand & tan delta diagnostics for MV cable insulation
VLF AC high voltage test kit	Baur	Viola	VLF AC high voltage withstand testing for MV cables
VLF AC high voltage test kit	Kilovolt Prueftechnik	KPG 54kV VLF	54 kV VLF AC withstand testing
100 kV AC high voltage test equipment	Hipotronics	100HVT-DI	100 kV AC high voltage withstand & diagnostic testing
130 kV DC high voltage test equipment	High Voltage Inc.	PTS-130(F)	130 kV DC high voltage withstand testing
100 kV AC high voltage test equipment	High Voltage Inc.	PFT-1003CM(F)	100 kV AC high voltage withstand testing
80 kV DC high voltage test equipment	Baur	PGK 80	80 kV DC high voltage withstand testing
50 kV AC high voltage test equipment	High Voltage Inc.	PFT-503CM(F)	50 kV AC high voltage withstand testing
30 kV DC high voltage test equipment	Megger	MIT30	30 kV DC insulation & withstand testing
5 kV AC high voltage test equipment	AE	5kV AC	Low-voltage AC withstand testing
VLF AC high voltage test kit, compact	Baur	Viola VLF	Portable VLF AC withstand testing for MV cable insulation

Insulation Resistance Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
1 kV insulation resistance tester	Fluke	1507	1 kV insulation resistance testing for cables & motors
15 kV insulation resistance tester	Megger	MIT 1525	15 kV insulation resistance & polarization index testing
10 kV insulation resistance tester	Megger	MIT 1025	10 kV insulation resistance & polarization index testing
5 kV insulation resistance tester	Megger	MIT 515	5 kV insulation resistance & polarization index testing

Clamp Meters

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
True-RMS clamp meter with iFlex	Fluke	376FC	True-RMS AC/DC clamp meter with flexible iFlex current probe
Earth leakage clamp meter	Megger	DCM300E	Earth leakage current clamp meter
Earth ground clamp meter	Fluke	1630-2 FC	Earth ground resistance clamp meter
Leakage current (mA) clamp meter	Fluke	369FC	Milliamp-range leakage current clamp meter
Clamp power meter	Hioki	CM3286-50	Clamp-on power & energy measurement for three-phase circuits
True-RMS clamp meter	Fluke	368FC	Compact true-RMS AC/DC clamp meter for field measurements

Cable Testing Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
VLF AC high voltage test kit	Baur	Viola	VLF AC high voltage withstand testing for MV cables
VLF AC high voltage and tan delta test kit	Baur	Viola TD	VLF withstand & tan delta diagnostics for MV cable insulation
VLF AC high voltage test kit, compact	Baur	B2 54kV VLF	Compact 54 kV VLF AC withstand testing for MV cables
VLF AC high voltage test kit	Kilovolt Prueftechnik	KPG 54kV VLF	54 kV VLF AC withstand testing
130 kV DC high voltage test equipment	High Voltage Inc.	PTS-130(F)	130 kV DC high voltage withstand testing for cables
Cable sheath testing & fault location device	Baur	Shirla	Cable sheath fault location & testing
15 kV insulation resistance tester	Megger	MIT 1525	15 kV insulation resistance & polarization index testing for cables
10 kV insulation resistance tester	Megger	MIT 1025	10 kV insulation resistance & polarization index testing for cables
5 kV insulation resistance tester	Megger	MIT 515	5 kV insulation resistance & polarization index testing for cables

Power Quality Analyzers

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Power quality analyzer	Fluke	1775	Advanced three-phase power quality & energy analysis
Power quality analyzer	Fluke	435-II	Power quality, energy loss & efficiency analysis
Power quality analyzer	Hioki	PQ3198	High-accuracy power quality recording & analysis
Power quality analyzer	Hioki	PQ3100	Compact power quality analyzer for site surveys

Transformer Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Three-phase transformer test system	Omicron	TESTRANO 600	Automated three-phase diagnostics: ratio, resistance & demagnetization
Tan delta test equipment	Omicron	CP TD1	Tan delta / dissipation factor testing for transformers & bushings
Dielectric insulation analyzer	Omicron	DIRANA	Dielectric response analysis for insulation & moisture assessment
Frequency response analyzer	Omicron	FR Analyzer	Frequency response analysis for winding deformation detection
Three-phase transformer turns ratio test kit	Megger	TTR 310	Three-phase transformer turns-ratio testing
Partial discharge test kit	Omicron	MPD 800	Multi-channel partial discharge testing for transformers
Oil BDV test kit, 100 kV	AE	100KV BDV	Transformer oil breakdown voltage (BDV) testing
Oil BDV test kit, 100 kV	Baur	DPA 100 C	Transformer oil breakdown voltage (BDV) testing
Oil BDV test kit, 75 kV	Baur	DPA 75 C	Transformer oil breakdown voltage (BDV) testing
Switch box for three-phase power transformers	Omicron	CP SB1	Automated switching for three-phase transformer test sequences
OTI/WTI temperature calibration bath, 150°C	INSCIN	ISI 094	OTI/WTI temperature indicator calibration bath
Three-phase transformer turns ratio test kit	Megger	TTR330	Three-phase transformer turns-ratio testing
Digital micro-ohmmeter	Megger	MTO210	Winding & contact resistance testing for transformers & breakers
Multi-function transformer test system	Megger	TRAX	Combined turns-ratio, winding resistance & power factor testing
Winding analyzer	DV Power	DWA 400	Winding resistance & ratio analysis for power transformers

Multimeters

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
True-RMS digital multimeter	Fluke	179	General-purpose true-RMS digital multimeter for field measurements
Digital multimeter	Fluke	15B+	General-purpose digital multimeter for field measurements
TRMS industrial multimeter	Fluke	87V	Industrial-grade true-RMS multimeter for demanding field use

Battery Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Battery load unit	Megger	TORKEL 900	Precision battery capacity / discharge testing
Battery extra load unit	DV Power	BXLV	Supplementary load bank for high-current battery discharge testing
Battery capacity / discharge tester	DV Power	BLU360V	Battery capacity & discharge testing up to 360 V
Battery impedance tester	Megger	BITE3	Battery internal impedance & ohmic testing

Motor & Winding Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Dynamic motor analyzer	Megger (Baker)	EXP4000	On-line dynamic motor analysis — vibration, current & voltage signature testing on running motors
Tan delta test equipment	Omicron	CP TD1	Tan delta / dissipation factor testing for motor & generator windings
Compensating reactor	Omicron	CP CR500	Compensating reactor for tan delta testing of large-capacitance windings

DC Power Supplies

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
DC power supply, 32 A SMPS	Mansi	32A DC SMPS	DC power supply for control circuit & battery charging tests
DC power supply unit, 300 V DC	Megger	B10E	Portable 300 V DC power supply unit for site testing
DC power supply, 100 A	IDEALPLUSING	100A DC Power	High-current DC power supply for battery & control system testing

Variable Auto Transformers

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Three-phase auto transformer	AE	28D-3P	Variable AC supply for calibration & test bench applications
Single-phase auto transformer	AE	28D-1P	Variable AC supply for calibration & test bench applications

Partial Discharge Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Partial discharge detector	NDB	XDP-II	On-line/off-line partial discharge detection for rotating machines & switchgear
Partial discharge measurement test kit	Omicron	MPD 800	Multi-channel partial discharge measurement & analysis

Earth Testers

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Earth ground clamp	Fluke	1630-2	Earth ground clamp resistance testing without disconnecting the ground
3-pole digital ground tester	Hioki	6031	3-pole earth resistance testing
4-pole digital ground tester	Megger	DET4TD2	4-pole earth resistance & soil resistivity testing
4-pole digital ground tester	Megger	DET4TCR2	4-pole earth resistance & soil resistivity testing
Earth ground tester	Fluke	1625	Advanced earth ground resistance & soil resistivity tester
2/3-pole digital ground tester	Megger	DET2/3	2/3-pole earth resistance testing

Thermal Imaging

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Thermal imaging camera	Fluke	TiX580	640×480 thermal imaging with 5.7" rotating touchscreen for panel, switchgear & connection hot-spot detection
Thermal imaging camera, compact	FLIR	C2	Compact thermal imaging camera for quick diagnostic inspections

Other Testing Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
Cable sheath testing & fault location device	Baur	Shirla	Cable sheath fault location & testing
Multifunction tester	Fluke	1664 FC	Multifunction installation & RCD tester
Portable appliance tester	Fluke	6500-2	Portable appliance safety testing (PAT)
Time domain reflectometer	Megger	TDR 2000/3	Time domain reflectometer for cable fault distance location
Earthing and short-circuiting equipment	Sofamel	PATC-MPU	Portable earthing & short-circuiting equipment for safe isolation
Environmental meter	Extech	EN150	Temperature, humidity & environmental site monitoring
Cable and pipe locator	Radiodetection	RD8200	Underground cable & pipe locating
Cable identification system	Baur	KSG200A	Cable identification in multi-cable trenches / ducts
Vibration meter	Extech	407860	Vibration measurement for rotating machinery condition monitoring
Handheld dewpoint meter	Vaisala	DM70	Handheld dew point measurement for SF6 / oil-filled equipment
Current loop calibrator	Fluke	707	4–20 mA current loop calibration
Mixed domain oscilloscope	Tektronix	MDO 3014	Mixed-domain oscilloscope for waveform & spectrum analysis

SF6 Gas Test Equipment

EQUIPMENT	MAKE	MODEL	KEY APPLICATION
SF6 multi gas analyzer	DILO	3-038R-R402V2B	Multi-analyser for SF6 purity, moisture & SO2 quality assessment
SF6 zero-waste gas analyzer	EMT	Zerowaste	SF6 gas quality analysis with zero-emission handling
SF6 gas leakage detector	EMT	Leak Detector	Portable SF6 gas leak detection for switchgear & GIS equipment

Our Locations

SKYSUN Energy operates through strategic regional hubs in the UAE, Bahrain, Saudi Arabia and Spain, with a team of engineers based across all four countries to ensure fast, reliable logistics and responsive local support.

United Arab Emirates

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Our Clients

Since our founding, SKYSUN Energy has supported more than 5,000 projects for over 700 clients across the region. We are trusted by leading global manufacturers, EPC contractors, utilities and industrial groups, including:

Eaton
Carlo Gavazzi
GE / GE Vernova
Davenham Switchgear
FATA
Alfanar
Petrofac
Alba
Synergy Group
Golden Energy
Tatweer

ABB
Samsung C&T
Hitachi Energy
SAT Engineering
Doosan Skoda
Target
Altrad
MOTS
Seapeak
Danway
Archirodon

Siemens
Schneider Electric
Hanley Energy
Adyard
Vinci Engineering
NMDC
Taqana
Comsip
Snipe Engineers
Al Thawadi
GDES

THANK YOU

FOR YOUR TIME

**Partnering for performance.
Delivering with confidence.**

At Skysun Energy Services, we are committed to providing high-quality test equipment rental solutions and exceptional service you can rely on.

Contact Details

For enquiries, quotations, or to arrange equipment rental, testing, commissioning or maintenance support, please reach out to our team.

GENERAL ENQUIRIES

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Need equipment urgently? Our team can help you select the right equipment and arrange fast, free delivery across the UAE, Saudi Arabia, Bahrain and Spain.

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