

DevrimUPS

THE NEXT GENERATION ENERGY PLATFORM
CONTINUOUS POWER • INTELLIGENT TECHNOLOGY • ENERGY INDEPENDENCE



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CONTINUOUS POWER
INTELLIGENT TECHNOLOGY
ENERGY INDEPENDENCE

DevrimUPS is a new generation uninterrupted intelligent power platform engineered for industrial operations, smart infrastructure and critical energy applications.



CONTINUOUS POWER



INTELLIGENT TECHNOLOGY



MAXIMUM RELIABILITY

New Generation Energy Production Units:
DevrimUPS
This is a revolution in energy sector



≤ 20 MINUTES
Fast Start
(from Cold Start to Full Load)



LOW OPERATING COST



MODULAR DESIGN



AIR-COOLED SYSTEM



SAFETY & CONTROL



SILENT OPERATION
(SOUND INSULATION)

POWER WHERE YOU NEED IT.

ENERGY WITHOUT INTERRUPTION.



INDUSTRIAL FACILITIES



MINING OPERATIONS



AGRICULTURAL INFRASTRUCTURE



SMART CITIES



MILITARY & STRATEGIC USE



HUMANITARIAN PROJECTS

TECHNICAL SPECIFICATIONS

MODEL	DVR-500	DVR-750	DVR-1000	DVR-1500	DVR-2000	DVR-3000	DVR-4000	DVR-5000
Apparent Power (kVA)	635 kVA	940 kVA	1250 kVA	1875 kVA	2500 kVA	3750 kVA	5000 kVA	6250 kVA
Active Power (kW) (cosφ 0.8)	500 kW	750 kW	1000 kW	1500 kW	2000 kW	3000 kW	4000 kW	5000 kW
Energy Capacity	500 kWh	750 kWh	1000 kWh	1500 kWh	2000 kWh	3000 kWh	4000 kWh	5000 kWh
Frequency - Voltage	50/60 Hz 380/400V Phase+N+PE	50/60 Hz 380/400V Phase+N+PE	50/60 Hz 380/400V Phase+N+PE	50/60 Hz 380/400V Phase+N+PE	50/60 Hz 380/400V Phase+N+PE	50/60 Hz 380/400V Phase+N+PE	50/60 Hz 380/400V Phase+N+PE	50/60 Hz 380/400V Phase+N+PE
Start Engine	Electric Starter 380V - 3Ph 50/60 Hz	Electric Starter 380V - 3Ph 50/60 Hz	Electric Starter 380V - 3Ph 50/60 Hz	Electric Starter 380V - 3Ph 50/60 Hz	Electric Starter 380V - 3Ph 50/60 Hz	Electric Starter 380V - 3Ph 50/60 Hz	Electric Starter 380V - 3Ph 50/60 Hz	Electric Starter 380V - 3Ph 50/60 Hz
First Initiation Period	≤ 20 min. (from cold start to full load)	≤ 20 min. (from cold start to full load)	≤ 20 min. (from cold start to full load)	≤ 20 min. (from cold start to full load)	≤ 20 min. (from cold start to full load)	≤ 20 min. (from cold start to full load)	≤ 20 min. (from cold start to full load)	≤ 20 min. (from cold start to full load)
Cooling System	Air-cooled	Air-cooled	Air-cooled	Air-cooled	Air-cooled	Air-cooled	Air-cooled	Air-cooled
Weight	4600 kg	6100 kg	9000 kg	9250 kg	11000 kg	15750 kg	21000 kg	21800 kg
Dimensions (LxWxH cm)	500x200x180	600x200x180	600x200x180	700x200x190	700x200x200	800x250x240	900x270x220	1000x280x250
Security System	Emergency Stop Button	Emergency Stop Button	Emergency Stop Button	Emergency Stop Button	Emergency Stop Button	Emergency Stop Button	Emergency Stop Button	Emergency Stop Button
Integrated Fire Suppression / 24/7 Camera Surveillance	Yes / 24/7 Camera System	Yes / 24/7 Camera System	Yes / 24/7 Camera System	Yes / 24/7 Camera System	Yes / 24/7 Camera System	Yes / 24/7 Camera System	Yes / 24/7 Camera System	Yes / 24/7 Camera System
Remote Mode	Manual Initiation	Manual Initiation	Manual Initiation	Manual Initiation	Manual Initiation	Manual Initiation	Manual Initiation	Manual Initiation
Sound Insulation	Yes - Standard	Yes - Standard	Yes - Standard	Yes - Standard	Yes - Standard	Yes - Standard	Yes - Standard	Yes - Standard



DevrimUPS platforms are engineered for performance, reliability and sustainability.
Power your future. Anywhere.

ENGINEERED BY
DEVrim ENERJİ AŞ



IN PARTNERSHIP WITH
IC SOLUTIONS TRUST AG

Devrim Energy Inc., is in Partnership with IC Solutions Trust AG, Switzerland
Supported by Anatolia Humanitarian Foundation, USA

A NEW ERA OF ENERGY

The world is entering a new energy age. Rising fuel costs, unstable grids, increasing industrial energy demand and global infrastructure challenges are forcing governments, industries and institutions to seek smarter and more sustainable power solutions.

DevrimUPS has been developed precisely for this transformation.

Unlike conventional generator technologies, DevrimUPS represents **a new generation uninterrupted intelligent power platform** engineered for:

- Continuous energy production,
- Industrial reliability,
- Low, almost zero operational cost,
- Scalable deployment,
- And strategic energy independence.

This is not simply a generator.

This is a new-generation energy infrastructure platform.

DESIGNED FOR REAL INDUSTRIAL OPERATIONS

DevrimUPS systems are engineered for demanding operational environments where uninterrupted energy is critical.

Applications include:

- Industrial facilities
- Manufacturing plants
- Mining operations
- Agricultural infrastructure
- Construction projects
- Military and strategic facilities
- Smart city infrastructure
- Remote settlements
- Rural electrification projects
- Emergency energy deployment
- Large-scale humanitarian infrastructure projects

Whether operating in remote territories, high-temperature or freezing climates or unstable grid environments, DevrimUPS is designed for industrial-level reliability.

THE DevrimUPS ADVANTAGE - CONTINUOUS POWER GENERATION

DevrimUPS platforms are engineered to provide uninterrupted operational energy with intelligent energy management architecture.

LOW OPERATIONAL COST

The system architecture is designed to minimize:

- Fuel dependency,
- Operational interruption,
- Maintenance complexity,
- And long-term operational expenditure.

HIGH-CAPACITY PRODUCTION

DevrimUPS' current facility has the capacity to produce components up to 2000 MW annually.

RAPID DEPLOYMENT

Containerized industrial architecture enables:

- Fast transportation,
- Modular installation,
- Scalable deployment,
- And rapid commissioning capability.

INDUSTRIAL-GRADE ENGINEERING

Every DEVRIMUPS platform is developed for:

- Continuous industrial operation,
- High-load environments,
- Operational stability,
- And long-term durability.

GLOBAL DEPLOYMENT FLEXIBILITY

DEVRIMUPS is suitable for:

- Urban electrification,
- Industrial modernization,
- Mining operations,
- Agricultural infrastructure,
- Smart energy systems,
- Military support infrastructure,
- And national strategic energy projects.

PRODUCT RANGE

DEVRIMUPS is available in multiple scalable configurations ranging from 500 kW to 5 MW platforms.

TECHNICAL CHARACTERISTICS

INDUSTRIAL PLATFORM FEATURES

- 50/60 Hz operational compatibility
- 380/400V Phase+N+PE infrastructure
- Air-cooled industrial system architecture
- Emergency stop security systems
- Integrated 24/7 surveillance infrastructure
- Industrial sound insulation
- Modular transportable structure
- Industrial containerized platform design

FAST INITIATION CAPABILITY

DEVRIMUPS platforms are engineered to reach full operational load within approximately twenty (20) minutes from cold start conditions.

This enables:

- Rapid operational activation,
- Emergency deployment capability,
- Industrial continuity,
- And strategic operational flexibility.

MODULAR ENERGY ARCHITECTURE

DEVRIMUPS systems are designed with scalable modular infrastructure.

This allows:

- Independent deployment,
- Synchronized multi-unit operation,
- Scalable city electrification,
- Industrial campus deployment,
- And large-scale national infrastructure integration.

The modular architecture enables projects ranging from isolated industrial sites to large-scale smart city electrification platforms.

STRATEGIC APPLICATIONS

DEVRIMUPS is particularly suitable for:

- **SMART CITY ELECTRIFICATION**
Urban energy continuity and decentralized power support.
- **INDUSTRIAL INFRASTRUCTURE**
Factories, industrial zones and production facilities.
- **AGRICULTURAL ENERGY SYSTEMS**
Integrated energy support for modern agriculture and irrigation infrastructure.
- **MINING & REMOTE OPERATIONS**
Reliable power supply in isolated territories.
- **HUMANITARIAN INFRASTRUCTURE**
Emergency and development-oriented electrification initiatives.
- **NATIONAL ENERGY SECURITY**
Strategic energy independence and distributed power infrastructure.

GLOBAL MARKET POTENTIAL

DEVIMUPS has been designed for international deployment across:

- Middle East
- Africa
- Central Asia
- South America
- North America
- Developing industrial economies
- Energy-sensitive territories
- Strategic infrastructure projects

THE FUTURE OF ENERGY

The future will not belong to unstable infrastructure.

The future will belong to:

- Intelligent systems,
- Uninterrupted power,
- Scalable deployment,
- Operational independence,
- And sustainable industrial infrastructure.

DEVIMUPS has been engineered for that future.

DEVIMUPS - UNIVERSAL STRATEGIC PRESENTATION

Next Generation Hybrid Continuous Power Infrastructure Platform

EXECUTIVE SUMMARY

Devrim Enerji AŞ, in strategic cooperation with IC Solutions Trust AG and supported by Anatolia Humanitarian Foundation, presents: DEVIMUPS

The Next Generation Hybrid Continuous Power Infrastructure Platform

DevrimUPS is not a conventional diesel generator.

It is a:

- Hybrid uninterrupted power platform,
- Modular energy infrastructure system,
- Strategic decentralized electricity architecture,
- Rapid-deployment national energy solution,
- Smart-grid compatible power platform,
- Humanitarian and industrial energy continuity system.

The platform combines:

- DC battery infrastructure,
- Inverter-controlled electric motor systems,

- Dual-flywheel kinetic energy storage technology,
- Synchronized alternator architecture,
- Intelligent automation and power management systems,

into a scalable uninterrupted energy production platform.

The DevrimUPS architecture has been specifically designed for:

- National decentralized electrification projects,
- Industrial continuity,
- Smart city infrastructure,
- Military and strategic facilities,
- Mining operations,
- Remote settlements,
- Agricultural infrastructure,
- Emergency humanitarian deployment,
- Energy-sensitive territories,
- Grid stabilization applications.

The current DevrimUPS production platform supports scalable deployment ranging from:

* 500 kW

to

* 5 MW modular units,

with synchronized multi-unit deployment capability exceeding 200 MW and above.

CORE TECHNOLOGICAL ARCHITECTURE

The DevrimUPS platform integrates the following engineering layers:

1. DC ENERGY STORAGE GROUP

- High-capacity LFP battery banks,
- Intelligent charge-discharge management,
- Industrial-grade energy buffering.

2. INVERTER-CONTROLLED ELECTRIC DRIVE SYSTEM

- Precision-controlled electric motor architecture,
- Stable rotational synchronization,
- Intelligent torque management.

3. DUAL FLYWHEEL KINETIC ENERGY STORAGE

- High-inertia kinetic stabilization,
- Energy balancing capability,
- Rotational continuity architecture,
- Reduced transient fluctuations.

4. SYNCHRONIZED ALTERNATOR SYSTEM

- Industrial-grade continuous AC production,
- Frequency stabilization,
- Multi-unit synchronization capability.

5. AUTOMATION & ENERGY MANAGEMENT

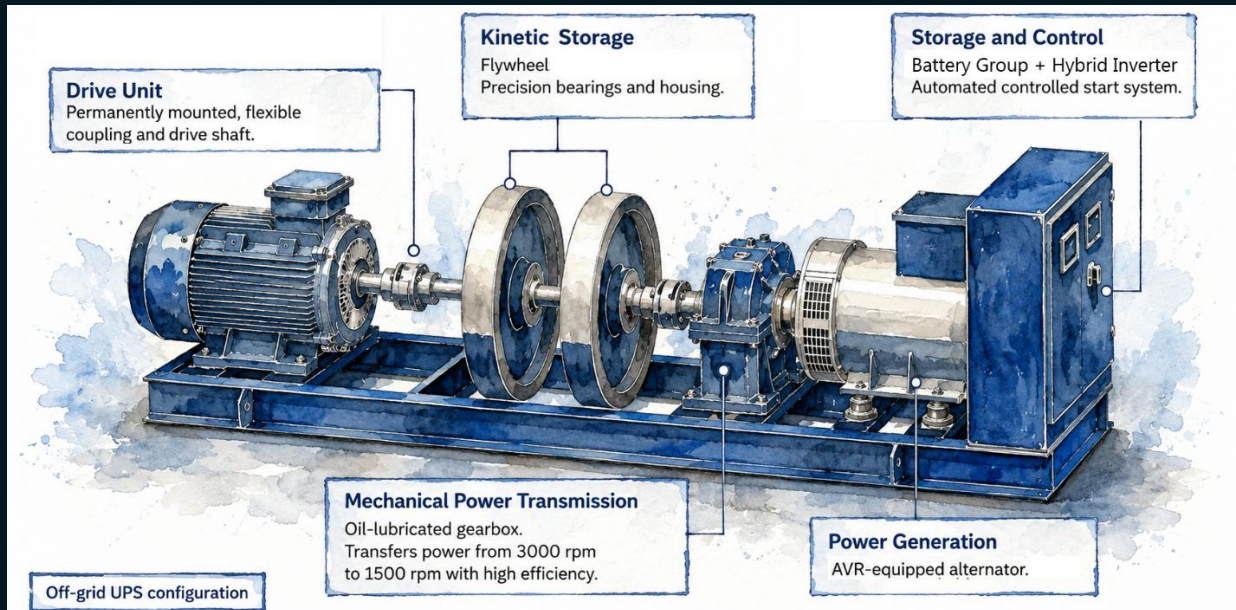
- Intelligent operational control,
- Remote monitoring,
- Industrial safety systems,

* Automated operational balancing.

The modular synchronized architecture enables:

- Continuous operation,

- Load balancing,
- Industrial redundancy,
- Scalable deployment,
- National-grid integration,
- Off-grid operational capability.



STRATEGIC ADVANTAGES

CONTINUOUS POWER GENERATION

DevrimUPS has been engineered to provide uninterrupted operational energy continuity for mission-critical applications.

LOW (ALMOST ZERO) OPERATIONAL COST

The system architecture is designed to minimize:

- Fuel dependency,
- Operational interruption,
- Maintenance complexity,
- Long-term operational expenditure.

RAPID DEPLOYMENT

Containerized industrial architecture enables:

- Fast transportation,
- Rapid installation,
- Modular expansion,
- Accelerated commissioning.

MINIMAL LAND REQUIREMENT

A 200 MW synchronized DevrimUPS platform may be deployed within approximately:
2,000 m² total operational area.

This creates a revolutionary advantage for:

- Urban deployment,
- Strategic infrastructure,
- Remote industrial operations,
- Emergency deployment scenarios.

FROM 200 MW NATIONAL ENERGY PLATFORM UP TO 10.000 MW

A 200 MW DevrimUPS deployment may consist of:

- 40 synchronized 5 MW modules, or
- Alternative scalable modular configurations.

Such a platform can support approximately:

- * 120,000 – 180,000 residential units, or
- * Large industrial campuses, or
- * Mining zones, or
- * Strategic military infrastructure, or
- * Medium-scale smart city operations.

The architecture allows:

- Independent operation,
- Parallel synchronized operation,
- Partial maintenance continuity,
- Redundant energy security,
- Incremental future expansion.

GLOBAL DEPLOYMENT APPLICATIONS

According to the DevrimUPS industrial platform framework:

INDUSTRIAL INFRASTRUCTURE

- Factories
- Industrial zones
- Manufacturing facilities

SMART CITY ELECTRIFICATION

- Decentralized urban energy support
- Grid stabilization
- Emergency backup continuity

AGRICULTURAL ENERGY SYSTEMS

- Irrigation systems
- Rural electrification
- Agro-industrial processing

MINING & REMOTE OPERATIONS

- Off-grid industrial continuity
- Remote extraction operations
- Desert deployment capability

HUMANITARIAN INFRASTRUCTURE

- Refugee settlements
- Emergency hospitals
- Disaster response systems
- Humanitarian electrification projects

NATIONAL ENERGY SECURITY

- Strategic distributed infrastructure
- Military energy continuity
- Energy independence initiatives

PRODUCTION & DEPLOYMENT CAPACITY

The DevrimUPS production infrastructure currently supports:

Up to 2,000 MW annual component production capacity.

Deployment advantages include:

- Modular industrial containerized architecture,
- Fast cold-start operational capability,
- 50/60 Hz compatibility,
- 380/400V industrial infrastructure support,
- Air-cooled industrial engineering,
- Integrated surveillance and fire protection systems.

FINANCING & IMPLEMENTATION MODELS

The platform may be implemented under:

A. HUMANITARIAN STRUCTURED FINANCE MODEL

Supported through:

- Anatolia Humanitarian Foundation USA,
- IC Solutions Trust AG Switzerland.

B. SBLC-BACKED INFRASTRUCTURE MODEL

Deployment against:

- Sovereign guarantees,
- Reputable bank-issued SBLC structures.

C. PUBLIC-PRIVATE PARTNERSHIP (PPP)

For:

- * National energy transformation,
- * Rural electrification,
- * Smart city modernization,
- * Strategic infrastructure deployment.

WHY DEVRIMUPS?

Because the future of energy requires:

- Decentralization,
- Strategic redundancy,
- Rapid deployment,
- Industrial continuity,
- Intelligent infrastructure,
- Operational independence.

DevrimUPS has been engineered precisely for this future.

DevrimUPS

THE NEXT GENERATION ENERGY PLATFORM

CONTINUOUS POWER • INDUSTRIAL RELIABILITY • ENERGY INDEPENDENCE

Developed by:
M. Cenk Albayrak

Produced by:
Devrim Enerji AŞ

subsidiary of IC Solutions Trust AG, Switzerland • Supported by Anatolia Humanitarian Foundation USA

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DEVİRİMUPS

THE NEXT GENERATION
CONTINUOUS POWER PLATFORM

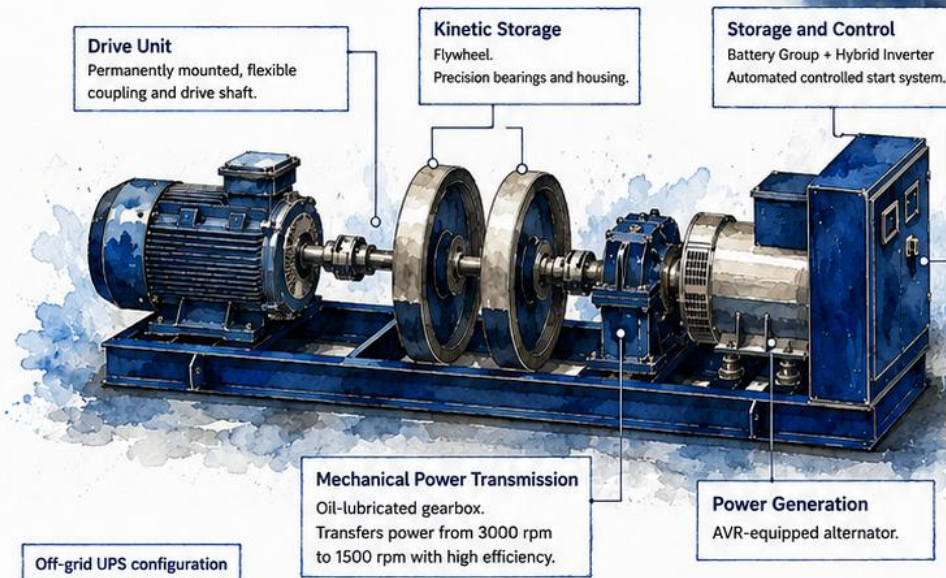
CONTINUOUS POWER • INTELLIGENT TECHNOLOGY • ENERGY INDEPENDENCE

- UNINTERRUPTED POWER
- INTELLIGENT TECHNOLOGY
- ENERGY INDEPENDENCE

DevrimUPS is a next-generation hybrid uninterrupted power platform that combines DC battery storage, inverter-controlled electric drive, dual-flywheel kinetic energy storage and a synchronized alternator into a modular, high-efficiency, low-cost and rapidly deployable energy solution.



- CONTINUOUS POWER
- LOW OPERATIONAL COST
- ≤ 20 MINUTES FAST START
- MODULAR & SCALABLE
- LOW EMISSION HIGH EFFICIENCY
- RELIABLE & DURABLE



KEY APPLICATIONS

- INDUSTRIAL FACILITIES
- MINING OPERATIONS
- AGRICULTURAL INFRASTRUCTURE
- SMART CITIES
- MILITARY & STRATEGIC USE
- REMOTE & OFF-GRID AREAS
- EMERGENCY & HUMANITARIAN PROJECTS

IDEAL FOR

- Harsh Climates
- Unstable Grids
- Remote Locations
- Critical Infrastructure

200 MW AND BEYOND

Scalable from 500 kW to 5 MW per unit. Multiple units can be synchronized to deliver 200 MW and above total continuous power.



CAN POWER
120,000 – 180,000
HOMES



DEPLOYED ON JUST
~ 2,000 m²
TOTAL AREA

AVAILABLE MODELS

MODEL	DVR-500	DVR-750	DVR-1000	DVR-1500	DVR-2000	DVR-3000	DVR-4000	DVR-5000
Active Power (kW)	500	750	1000	1500	2000	3000	4000	5000
Energy Capacity (kWh)	500	750	1000	1500	2000	3000	4000	5000
Frequency / Voltage	50/60 Hz • 380/400V Phase + N + PE							
Startup Time	≤ 20 Minutes (Cold Start to Full Load)							
Cooling	Air-Cooled							
Design	Containerized • Modular • Rapid Deployment							

- Air-cooled industrial system
- Emergency stop & fire suppression
- Integrated 24/7 surveillance
- Remote monitoring & control
- High efficiency & low maintenance
- Built for continuous operation



ENGINEERED FOR PERFORMANCE.
BUILT FOR THE FUTURE.



IN PARTNERSHIP WITH
IC SOLUTIONS TRUST AG
SWITZERLAND



SUPPORTED BY
ANATOLIA HUMANITARIAN
FOUNDATION USA

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DEVİRİMUPS – POWER YOUR FUTURE. ANYWHERE.

DevrimUPS is the corporate partner and charging unit of **TUNA ELECTRIC TRACTOR** which is the world's highest capacity and most skillful Electric Tractors.



THE FUTURE OF AGRICULTURE. POWER ELECTRIC.

ZERO EMISSIONS • HIGH PERFORMANCE • SMART TECHNOLOGY

-  **100% ELECTRIC**
Zero emissions for a clean environment.
-  **HIGH PERFORMANCE**
Powerful electric motor for maximum torque and efficiency.
-  **SMART TECHNOLOGY**
Advanced digital control systems for maximum control and safety.
-  **LONG ENDURANCE**
High capacity battery for extended working hours.

TECHNICAL SPECIFICATIONS

Specification	Value
Engine Type	Electric
Maximum Power	150 kW
Equivalent Horsepower	Aprx.200 HP
Maximum Torque	850 Nm
Battery Capacity	120 kWh
Operational Duration	8–10 Hours
Fast Charging	

Compatible with DevrimUPS Fast Energy Platform

Drivetrain	4x4
Maximum Speed	40 km/h
Hydraulic Lifting Capacity	6,000 kg
Vehicle Weight	5,500 kg
Smart Display	10" Touchscreen Control
Remote Diagnostics	Available
Smart Battery Management	Integrated
Unmanned Version	Available

THE POWER OF 850 Nm TORQUE