



APEIRON
ENERGY



POWER



POWER | CLIMATE | AIR | SAFETY

ABOUT US

Apeiron Energy is a Value Added Integrated Solutions Provider of innovative equipment solutions. Apeiron designs, manufactures, and distributes global brands in North America: US & Canada.

Apeiron supplies EPA, UL, CSA compliant & rental ready, diesel, natural gas, propane, and hybrid solutions for Power | Climate | Air | Safety equipment, including but not limited to AC, DC Prime Power Generators, Dual Phase Heaters, Boilers, Mobile Air Compressors, Safety Lighting, & Lightning Protection Systems to name a few.

Our Power | Climate | Air | Safety solutions bring value to diverse market segments, including; Rental, Construction, Disaster Recovery, Military, Mining, Dewatering, Aquaculture, Oil & Gas, & Telecom.

As our brand suggests, Apeiron is committed to offering products and solutions at the pinnacle of quality and efficiency. Apeiron is also the leading financier of its innovative solutions, extending value to customers through its Apeiron Managed Care Leasing® programs, which include, installation, maintenance, remote management, parts & product support, extended warranties, fueling, and other packages that lower the total cost of ownership.

In all of our endeavors, Apeiron seeks first to take leadership through innovation, creating value and working harmoniously with our customers, suppliers, partners and our greatest asset, our global employees.



Innovative & High Quality

Industry-leading, innovative equipment provider. Apeiron is proud to offer services and solutions that demonstrate the pinnacle of quality and efficiency.



Certified & Convenient Solutions

We supply EPA-tier compliant and rental-ready products and systems that are tailored to your industry's unique needs.



Tailored Equipment Expertise

We will always choose expert-engineered equipment combined with Apeiron Energy know-how and support.



Efficient & Cost-Effective

Supply versatile solutions that operate more efficiently and conserve significantly more energy than traditional products.





APEIRON'S POWER SOLUTIONS

DC GENERATORS | AC GENERATORS

Powered Solutions for Energy Prosperity

The More Power Your Business Can Access, The More It Can Accomplish

APEIRON provides the most efficient power solutions to protect your businesses from the losses associated with power outages. We've tailored our range of products to suit the demanding energy needs of our diverse markets; where we can always be relied upon to strengthen the self-sufficiency of any operation with unlimited power supply for guaranteed uptime.

Our robustly engineered generators are firstly relied upon by all those for whom downtime is not an option, and are often used to facilitate oil and gas operations, telecommunication processes, construction activities, military supply chains, and other enterprises where power supply must be ensured for reliable output.

Innovative Equipment For Non-Stop Functionality

APEIRON Energy is proud to manufacture remarkably efficient AC, DC, and Hybrid generators that are able to produce energy savings while making sure business is up and running at all times. We've derived advanced equipment capable of guaranteeing the functionality of your systems in any climate or condition, and our tiered backup mechanism networks never let your systems fail due to power unavailability!

Apart from our manufacturer roots and innovative ties that embed our generators with state-of-the-art technology, we offer a range of other services to make power not only reliable but convenient. Apeiron is dedicated to supporting the various needs of our clients, and we're able to offer a full suite of services to complement our gen-sets.

From installation to maintenance, repair, and support, we're proud to competitively service the lifetime of the product, lowering your total costs of ownership with the only manufacturer trained service.

Additionally, we offer a customizable remote monitoring service. This service can immediately inform the user of any unusual output activity that could threaten the safety or efficiency of your remote operations.

Consider our range in power today for a safer, more prosperous tomorrow!

MAIN APPLICATIONS



REMOTE
COMMUNITIES



CONSTRUCTION



MILITARY



OIL & GAS



RENTAL



DISASTER
RECOVERY

DC Rescue

48 VDC @ 5KW
110AMP OUTPUT
DIESEL AIR-COOLED, VARIABLE SPEED ENGINE
SUPER QUIET (70 DBA @ 1M)
WHEELS, HANDLE & CABLE KIT INCLUDED
INTEGRATED AUTO MAINS FAILURE OPTION



ENGINE POWERED GENERATING SETS FOR TELECOMMUNICATION

The Apeiron DC Gen are 20 kW power modules (-48Vdc) with variable speed engine, available with LPG or Natural Gas engines.

Apeiron designs and produces a complete range of DC generators available with AMF (Automatic Main Failure) and HBSM (Hybrid Batteries Status Management).

All power modules are equipped with Remote Control, a complete Real Time Management System.



DC Generators - cETL certified

The Apeiron DC Gen are 10 - 15 Kw power modules (-48Vdc) with variable speed engine, available with Diesel, LPG or Natural Gas engines.

Ascot designs and produces a complete range of DC generators with compact dimensions and low weight.

Available with AMF (Automatic Main Failure) and HBSM (Hybrid Batteries Status Management), all power modules are equipped with Remote Control, a complete Real Time Management System.



HPU-X4L,X5L Hybrid Generator

Specifications



3G, 4G, 5G MODEM

Improving security and real-time alerts.



Always connected

The ASCOT Remote Control centralizes the management of all the generator's components, including any external renewable energy source.



Efficient & Eco-friendly

integrate a variable speed engine and long-life deep cycle batteries, guaranteeing fuel consumption savings



Specifications	HPU-X4L	HPU-X5L
Best Performance Load	≤ 4 kW	≤ 5 kW
Operating Load Range	0 – 6 kW	0 – 8 kW
DC Genset Capacity	18 kW	24 kW
Batteries (PZS/LITHIUM)	1,240 Ah	1,550 Ah
Fuel	NG / LPG	NG / LPG
Average Fuel Consumption	0.4 kg/kWh supplied	0.4 kg/kWh supplied

HPU-X4L Hybrid Generator

48 VDC @ 0-6KW, OPTIMAL @ ≤4 KW LOAD
83AMPS @ -48VDC

NATURAL GAS OR PROPANE,
VARIABLE SPEED ENGINE

UP TO 1,240AH PZS OR LITHIUM BATTERIES

REAL-TIME MGMT. W/ WEB-BASED LOT SYSTEM



HPU-X5L Hybrid Generator

48 VDC @ 0-8KW, OPTIMAL @ ≤5 KW LOAD
104AMPS @ -48VDC





NATURAL GAS OR PROPANE, VARIABLE SPEED ENGINE

UP TO 1,550AH PZS OR LITHIUM BATTERIES

REAL-TIME MGMT. W/ WEB-BASED LOT SYSTEM



HCUBIC 15D Hybrid dc Generator

-  **Compact & Lightweight**
-  **Vibration Abatement**
-  **UL Listed**
-  **U.S. EPA Emissions Certified Engines**



Model	HCUBIC 15D	HCUBIC 15L	HCUBIC 13NG
Engine Manufacturer	Kubota	Kubota	Kubota Ascot Customized
Fuel	Diesel	LPG	NG
DC Generator Manufacturer	Ascot	Ascot	Ascot
DC Rated Power	15kW	15kW	13kW
DC Output Voltage	-48Vdc	-48Vdc	-15.5Vdc
Dimensions (WxLxH)	47*32*77(inch)	47*32*77	46.5*34.2*75.2
Weight (lb)	992	992	1,040.6

HCUBIC 15D Hybrid dc Generator

48 VDC @ 10-20KW, OPTIMAL @ ≤ 15 KW LOAD
312AMPS @ -48VDC

DIESEL, VARIABLE SPEED ENGINE
205L INTEGRATED TANK

NOISE: 80 DB AT 1M

REAL-TIME MGMT. W/ WEB-BASED IoT SYSTEM



*Dimensions: 47"W x 32"L x 77"H
Weight: 992 lbs*

HCUBIC 15D Hybrid dc Generator

48 VDC @ 10-20KW, OPTIMAL @ ≤ 15 KW LOAD
312AMPS @ -48VDC

PROPANE ENGINE
TANKS NOT INTEGRATED; ADD SEPARATELY

NOISE: 80 DB AT 1M



*Dimensions: 47"W x 32"L x 77"H
Weight: 992 lbs*

AC Gensets for on-grid towers

Specifically designed to respond to the telecom sector's needs and to work for continuous duty even in extreme climatic conditions.

The continuous co-operation of the Apeiron's team working alongside the most important Telecom operators, had the result to implement the best solutions for most cell site configurations, with the best cost/efficient CAPEX & OPEX.

SERIES POWERED BY PERKINS

- 12 - 28 kVA (PRP) - DIESEL | 1-PHASE 230 V - 1500 r.p.m. | 50 Hz.-
- 15 - 42 kVA (PRP) - DIESEL | 3-PHASE 400/230 V - 1500 r.p.m. | 50 Hz.-
- 10 - 35 kVA (PRP) - DIESEL | 3-PHASE 380/220 V - 1800 r.p.m. | 60 Hz.



AC Gensets for off-grid towers

The AC generators for Cell Sites are specifically designed to work for continuous duty, even in extreme climatic conditions in Off-grid applications. Our Oil cooled AC Diesel generators are designed to work in Off-grid application independently for 1 month (single operation) or 2 months in case of dual configuration without any service and visiting the site only once a month. With compact and easy-transportable design, the gensets are supplied "ready to start" for immediate installation.

STANDARD COMPOSITION

AC Generator; Single Phase; Three Phase; Diesel Engine; Integrated Fuel Tank; Oil Cooled; Integrated AMF & ATS; Soundproof Canopy; Openskid

SERIES POWERED BY DEUTZ

- 12 - 28 kVA (PRP) - DIESEL | 1-PHASE 230 V - 1500 r.p.m. | 50 Hz.-
- 12 - 58 kVA (PRP) - DIESEL | 3-PHASE 400/230 V - 1500 r.p.m. | 50 Hz.-
- 15 - 48 kVA (PRP) - DIESEL | 3-PHASE 380/220 V - 1800 r.p.m. | 60 Hz.



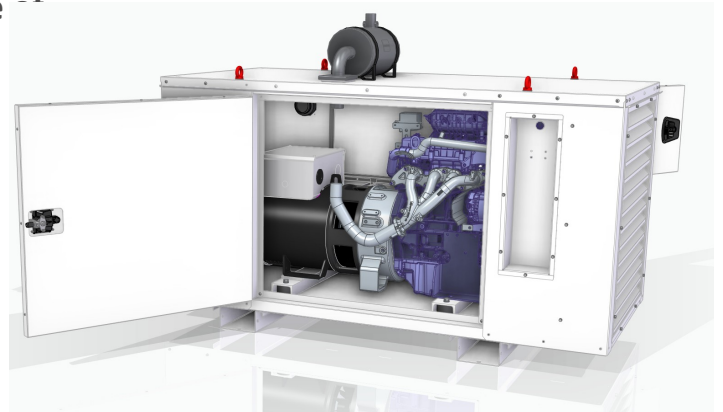
LPG Generator Set – LGS-DS-0037

Recognized for its low environmental impact by Canada's Alternative Fuels Act, propane is one of the cleanest and most versatile fuels in existence.

35KVa – 27Kw Continuous @ 1800RPM

AC Distribution

- 200 amp panel
- 1- 30amp 125/250V twistlock
- 6-15amp 110V duplex
- 2- 50amp 125/250V twistlock
- 1- 150amp 2-pole main breaker installed at the enclosure rear panel



LPG Generator Set – LGS-DS-0080

Recognized for its low environmental impact by Canada's Alternative Fuels Act, propane is one of the cleanest and most versatile fuels in existence.

75KVa - 65Kw Prime 1800RPM 120/208V 3phase

AC Distribution

- 200amp Main Breaker 208V 3ph
- 6 – 20amp 110volt Duplex receptacles
- 3 – 50amp 120/250V twist lock
- 1 – 30amp 125/250V twist lock
- 2 – 50amp 230V 3ph twistlocks
- Cam – lock 208V 3ph output quick connects





Apeiron Sales Channel Partner

- Qualified channel partners will both purchase & promote our components or our whole assemblies to market as branded, co-branded or private labelled products.
- Apeiron will have the ability to utilize channel partner's unique value add, including to scale manufacturing and distribution of products across our range of solutions & markets, as preferred product.



Apeiron Allied Vendor Programs

- Qualified prospects will have an existing network; Co-op, distribution, dealer or franchisee network, whereby our products are made accessible to their respective network.
- Examples include; Grainger®, Motion Industries®, UFA®, Servpro®, McMaster-Carr®, Deka®, EnerSys®.
- Allied Vendor Programs usually dovetail to another manufacturer or distributor's strategies and programs, wherein Apeiron products are co-branded or private labelled.
- Minimum quantities are ascribed to each product & market segment.



Apeiron Integrated Solution Partner

- Qualified partners will incorporate our products & technologies into their finished product as complete assemblies.
- Finished product must add differentiated value add for specific applications & market segments.
- Apeiron's brand will remain on our product, and finished product will be co-branded where & as needed.
- Partner is exclusive to territory, market segment and or relationship to avoid channel conflicts.
- Apeiron may finance the finished product.



Apeiron Independent Service Provider

Apeiron is developing an Independent Service Provider Network by hiring proven technical resources, including field engineers, certified technicians for service & support for its Power | Climate | Air | Safety solutions across myriad applications (use icons):

Interested parties should contact aec.sales@apeiron.energy or 866-482 1157
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