



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 solutions for Power | Climate | Air | Safety equipment, including but not limited to AC & DC prime power generators, dual phase heaters, mobile air compressors, safety lighting and lightning protection systems to name a few.

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

Apeiron is committed to providing solutions at the pinnacle of quality & efficiency. We are also a leading financier of innovative solutions, extending value through our Apeiron Managed Care Leasing® programs, which can include installation, maintenance, remote management, parts & product support as well as extended warranties, fueling and other packages that lower the total cost of operations and ownership.

In all our endeavors, Apeiron seeks to take leadership through innovation, creating new value in our solutions, working harmoniously with our customers, suppliers, partners and our greatest asset, our diverse & 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.



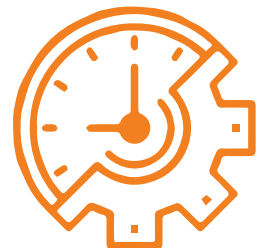
Certified & Convenient Solutions

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 kWpower 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 dimentions 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 for critical communication networks that demand continuous performance in the most extreme climate conditions. Partnerships with our top customers have resulted in the design & implementation of the most robust solutions for their critical deployments while providing best-in-class efficiency and offering exceptional CAPEX & OPEX savings.

SERIES POWERED BY Perkins

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

SERIES POWERED BY DEUTZ

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

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



ASDG-240V35LPG-01 POWER ADCG35LPG

Packaged in a rugged sound attenuated enclosure to suit any environment

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



ASDG-240V75LPG-01 POWER ADCG75LPG

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 T4F RENTAL READY PRIME DIESEL GENSET

KOHLER®

DIESEL

480/277 V

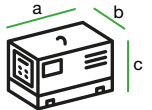
17-37 kVA PRP

208/120 V

17-36 kVA PRP

240/120 V

12-24 kVA PRP



a: 82.7 in

b: 43.3 in

c: 70.9 in

Fuel tank capacity: 58 gl



KOHLER®

DIESEL

480/277 V

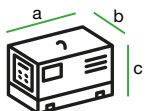
51 kVA PRP

208/120 V

47 kVA PRP

240/120 V

32 kVA PRP



a: 102.4 in

b: 47.2 in

c: 74.8 in

Fuel tank capacity: 74 gl





JOHN DEERE

DIESEL

480/277 V

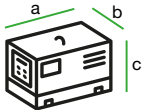
97-130 kVA PRP

208/120 V

95-128 kVA PRP

240/120 V

61-84 kVA PRP



a: 118.1 in

b: 47.2 in

c: 86.6 in

Fuel tank capacity: 190 gl



JOHN DEERE

DIESEL

480/277 V

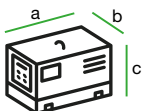
195-241 kVA PRP

208/120 V

193-238 kVA PRP

240/120 V

135-155 kVA PRP



a: 145.7 in

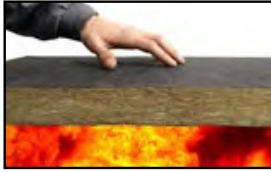
b: 47.2 in

c: 94.5 in

Fuel tank capacity: 344 gl



Key features:



- 1 SOUNDPROOF CANOPY** with rockwool lane for:
- Acoustic isolation (very low sound levels).
 - Thermic isolation, (low/high temperatures).



- 2 PROTECTED** with QUALICOAT paint that provides high resistance to ultraviolet radiation and ensure durability even under severe and extreme environmental conditions.



- 3 CERTIFIED LIFTING HOOK**, guaranteeing stability and safety in transfer operations.



- 4 UPPER AIR EXHAUST** contributes to reducing the noise emissions.



- 5 WIDE DOORS** that facilitate maintenance operations.



- 6 DOOR RETAINER** that facilitate maintenance operations.



- 7 SOUND PROOF DOORS** protected by a metal grid.



- 8 DOCUMENTS BAG**



- 9 LARGE LIFTING POCKETS** to facilitate handling and transport.



- 10 ON-OFF BATTERY SWITCH:** detachable. When removed, the equipment cannot be operated.



- 11 VOLTAGE SELECTOR** to change between:
- 3 Φ 4 wire 480/277 V
 - 3 Φ 4 wire 208/120 V
 - 1 Φ 3 wire 240/120 V



- 12 CABLES LOCK** for fixing the power cables, thus avoiding the power lugs or sockets to withstand mechanical efforts due to unexpected pulls.



- 13 DISTRIBUTION PANEL** with combination of convenience receptacles, cam-locks & cable lugs.



- 14 HEAVY DUTY SKID** that protects the socket kit and control panel from damage in transport operations.



15 24H FUEL TANK with internal reinforcements and baffle walls that prevent sloshing of fuel when the gen set is transported with a full tank.



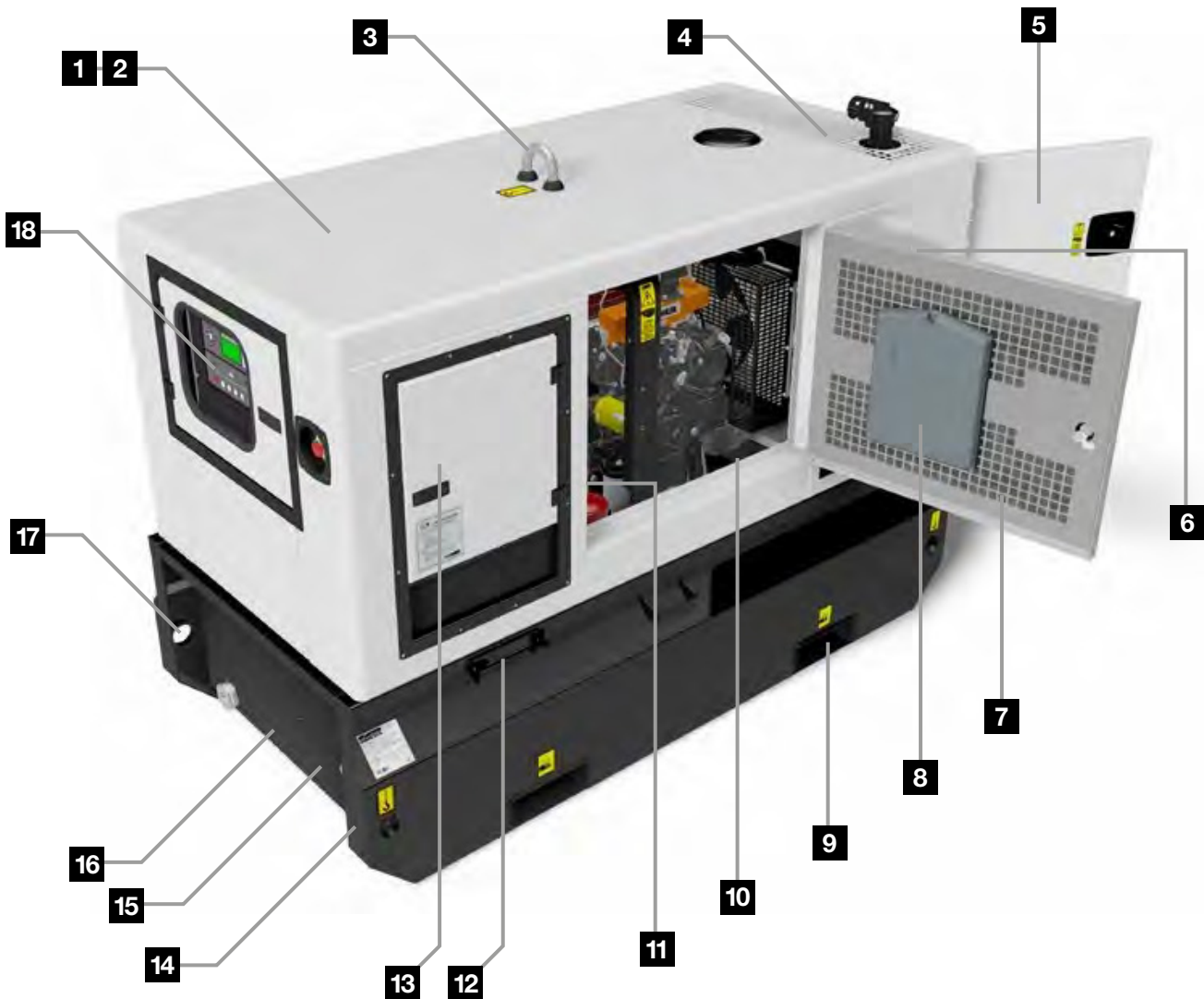
17 POCKETS FOR TOWING/TIE-DOWN.



16 RETENTION BUND (capable of retaining up to 120%).



18 CONTROL PANEL PROTECTED FROM RAIN, damage and unwanted access by a locked door.





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.
- 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 allocated to each product & market segment.



Apeiron Integrated Solution Partner

- Qualified partners will incorporate our products & technologies into their integrated solution as complete assemblies.
- Integrated solution must add differentiated value add for specific applications & market segments.
- Apeiron's brand will remain on our product, and integrated solution 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 integrated solution.



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

Interested parties should contact:

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