HYBRID Micro SAP

G10 – 10kVA | G20 – 20kVA | G30 – 30kVA

CONDOR NEW ZEALAND

The Hybrid Micro is a quick to deploy and rugged Stand-Alone Power System designed to replace traditional, continuous running generator systems.

The Hybrid Micro series sets the standard for compact smart hybrid applications. Designed to reduce generator run time and deliver maximum uptime quietly, efficiently and at low cost.

Complete with remote monitoring including battery levels, fuel levels, engine hours, battery hours, kWh's used door alarms engine alarms and more, just fold out the panels, turn the isolation switch on, connect your load and the system takes care of itself.

Quick & Simple to Deploy

- Manual fold out of panels
- Hybrid control system
- Range of electrical outlets

Simple Maintenance

- One side servicing
- 1000 hour service interval
- Oil sump pump
- No coolant (Oil cooled)

Remote Monitoring

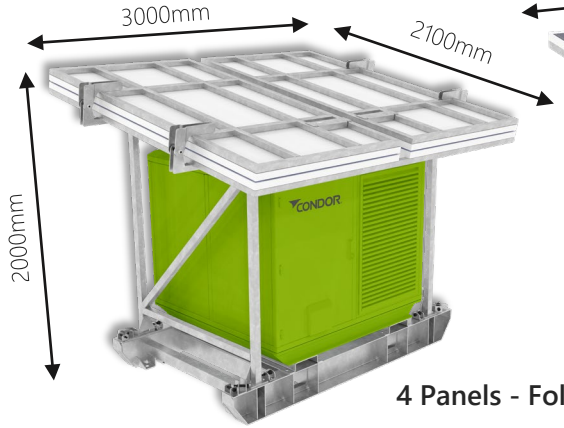
- Fuel & battery levels
- Door alarms
- Engine hours, pressure & temp alarms
- kWh produced & used and much more

Reduce Your Carbon Footprint

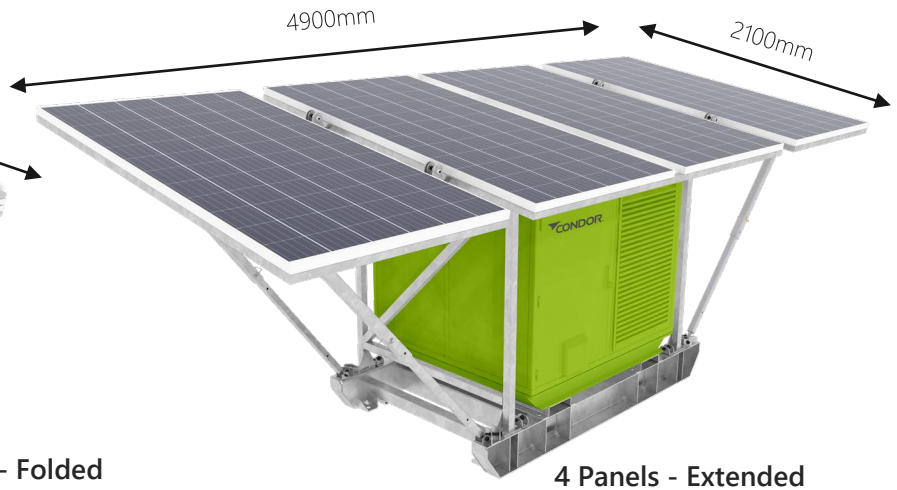
- 80-90% reduction of generator use with cyclic applications or 100% reduction for battery only versions. 90% reduction of emissions when using the generator version



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4 Panels - Folded

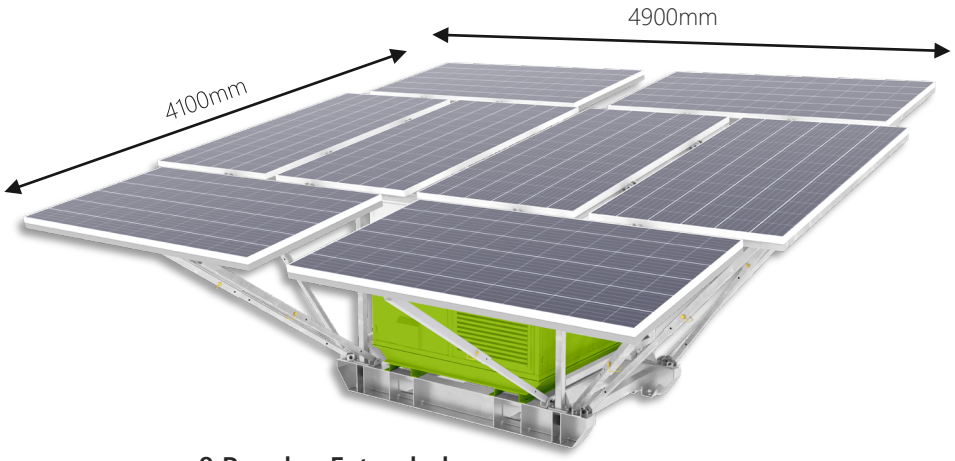


4 Panels - Extended

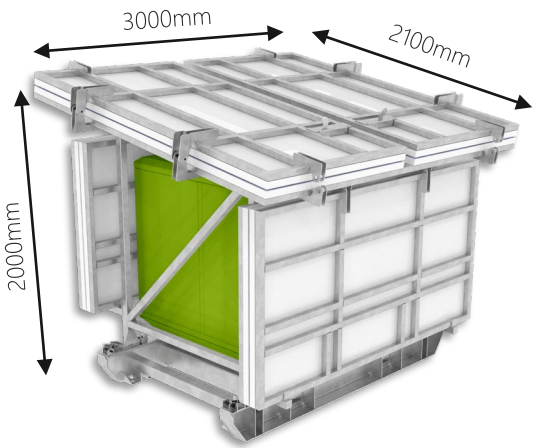
These all-in one hybrid solutions are ready for any application including telecom sites, bore pumps, portable office buildings, farms, exploration camps, hire companies and more.

Increase System Size

Need more solar, just add a second or third skid, need more energy storage, place on a second or third skid, need more fuel, we can build tanks into the skids, multiple configurations are available.



8 Panels - Extended



8 Panels - Folded

Dimensions	
4 Panels (2200Watts)	8 Panels (4400 watts)
Folded 3000mm L x 2100mm D x 2000mm H	
Extended 4900mm L x 2100mm D x 2000mm H	Extended 4900mm L x 4100mm D x 2000mm H

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Models & Specification



Description	G10	G20	G30
System Rated Output Power	10kVA AC	20kVA AC	30kVA AC
System Voltage	240V + 415V AC/ 50Hz	240V + 415V AC/ 50Hz	240V + 415V AC/ 50Hz
Output Terminals	2 x 15A/ 3P – 1 x 16A/ 5P	2 x 15A/ 3P – 1 x 32A/ 5P	2 x 15A/ 3P – 1 x 32A/ 5P
Energy Storage	20kWh	40kWh	60kWh
Skid Solar PV Min.	2200 Watts (4 Panels)		
Skid Solar PV Max.	4400 Watts (8 Panels)		
Solar MPPT Capacity	20000W*	25000W*	35000W*
Charge Generator	10kVA AC	20kVA AC	30kVA AC
Furl Capacity/ Runtime	150L/ 60hrs	150L/ 37.5hrs	150L/ 27hrs
Fuel Consumption	2.5 L/H	4.0 L/H	5.5 L/H
Engine Type	2cyl 1500RPM Diesel	3cyl 1500 RPM Diesel	4cyl 1500 RPM Diesel
Fuel Type	Diesel/ HVO		
Engine Service Interval	1000 hours		
Alternator Type	Meccalte		
System Controller	RE Hybrid		
Remote Monitoring	Yes		
Skid Type	Galvanised Steel		
Enclosure Type	Aluminium, Sealed, Sound Attenuated		

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*All our systems allow for expansive solar PV addition from other solar sources i.e. add s second skid or ground mount solar.