

Off Grid Solutions

Residential and Business

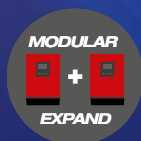


Simplify your off grid lifestyle.

Giant Power provides professional off grid solutions, prewired to reduce installation hassle and time.



Reliability and Long Life



Modular and Expandable



Pre-wired and Fully Tested

Off Grid System Overview



When it's Giant Power, it just works!



Built for reliability and long life

Two of the most important requirements your off grid system needs is reliability and a long life. Imagine investing in a system that fails to supply constant power or has individual components with a shorter life expectancy. With Giant Power, there is no need to worry! All our off grid systems use components with real world proven performance and durability, and inverters with a CEC certification. Off grid systems from Giant Power are built to last the distance!



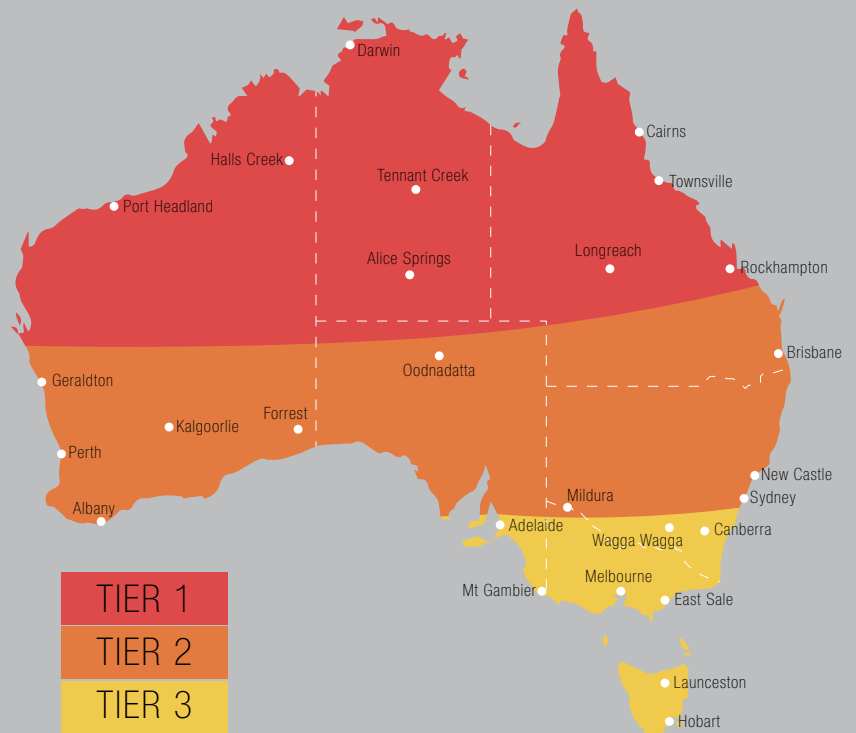
From single components to complete pre-built systems

Whatever components you require, Giant Power has them available from battery banks and inverters to complete pre-built off grid systems. All single components are designed to fit perfectly together as one system which makes future expansions easier and cost effective. More comprehensive systems are better priced, and your installation costs are reduced by minimising the installer's work checking their compatibility. No matter what you need for your off grid system, Giant Power has you covered!

FREECALL 1300 877 554

How much solar do you need?

Depending on your latitude, you will need different solar input to achieve the amount of electricity needed to run your offgrid property. Areas close to the equator have a greater amount of solar radiation. Refer to the map beside when choosing your system. Our complete offgrid systems suggest the minimum recommended solar system for your location.



Modular & expandable to cover future needs













Have you ever tried to upgrade an older system? Expanding other systems often results in the replacement of expensive components such as inverters and controllers, not to mention the time you'll be without electricity while your installer is breaking the old system down. Giant Power smart modular designs allow you to start with what you need now, and have the confidence that adding additional components down the track will be intuitive and easy. With products designed to function seamlessly together, Giant Power off grid systems just work.



Pre-wired, tested and ready to go

Giant Power off grid systems are completely pre-wired in our factory, saving you cost in labour both on and off site. Each system is pre-tested, ensuring all individual components are functional and ready to go. Avoid delays during the installation process by reducing the time it takes to install the system. With Giant Power, you can rest assured that your system will not only be ready to go, but every effort has been made to ensure installation is trouble free.

System Options

Small Storage Up to 5kVA continuous supply (average 1 bedroom house)		Medium Storage Up to 10kVA continuous supply (average 2 bedroom house)		Large Storage Up to 15kVA continuous supply (average 3 bedroom house)	
OFFG-PS105F	OFFG-PS96T	OFFG-PS216A	OFFG-PS192T	OFFG-PS432A	OFFG-PS379T
Sized for 3 day battery storage autonomy (battery life expectancy at 30% depth of discharge, C100)					
10.6 kWh Flooded Battery Bank 4x 12v 220Ah Flooded Battery	9.6 kWh Tubular Gel Battery Bank 4x 12v 200Ah Tubular Gel Battery	21.6 kWh AGM Battery Bank 8x 6v 450Ah AGM Battery	19 kWh Tubular Gel Battery Bank 8x 12v 200Ah Tubular Gel Battery	43 kWh AGM Battery Bank 16x 6v 450Ah AGM Battery	38 kWh Tubular Gel Battery Bank 24x 2v 790Ah Tubular Gel Battery
Basic Option up to 5 years life expectancy	Upgrade Option up to 15 years life expectancy	Basic Option up to 10 years life expectancy	Upgrade Option up to 15 years life expectancy	Basic Option up to 10 years life expectancy	Upgrade Option up to 15 years life expectancy
Power Management					
1x 5000VA Integrated Power System Pre wired board		2x 5000VA Integrated Power System Pre wired board		3x 5000VA Integrated Power System Pre wired board	
Recommended minimum PV Array (not included) Refer to the solar radiation chart to find your TIER on page 3. (panels in groups of 3)					
TIER 1	1.5kW	2.25kW		4.5kW	
TIER 2	1.5kW	3kW		5.25kW	
TIER 3	2.25kW	4.5kW		7.5kW	
Maximum Solar Array					
3kW		6kW		9kW	
Continuous / Surge Output					
5000VA (4000W / 8000W surge)		10000VA (8000W / 16000W surge)		15000VA (12000W / 24000W surge)	
System Extras					
kWh meter generator plug		kWh meter generator plug change over switch		kWh meter generator plug change over switch	
Unit cabinet dimensions in mm					
W750 x D400 x H1860		W1500 x D400 x H1860		W3000 x D320 x H1650	
Warranty					
5 years - complete electrical system					
Battery Warranty					
 1 year full replacement + 1 year pro rata	 3 year full replacement + 4 years pro rata	 1 year full replacement + 4 years pro rata	 3 year full replacement + 4 years pro rata	 1 year full replacement + 4 years pro rata	 3 year full replacement + 4 years pro rata
Inclusions					
Hybrid grid connect and off-grid systems are pre wired, including all isolators and other requirements adjacent to the inverters as per AS 3000 and AS 5033 standards. Battery bank, PV isolator CB, battery HRC, fuses and cables, battery cabinet, AC in isolator CB, AC out isolator CB, kWh meter, bypass switch.					
					
					
Available in Titanium or Crimson colours					

If these off grid packages are not within your power usage, feel free to contact us for a customised off grid system.

Expandable

Easily expand by combining multiple systems together, allowing additional solar or battery storage

Proven

Battery technology with a long real world history of performance, not just accelerated lab results

Future

Technology continues to evolve, and our system is ready for lithium if they become cost effective and safe