



# THE bank

by Univix



Stronger for Longer.



UNIVIX  
POWER SOLUTIONS

## Powerful, On-Demand Energy with Off-Grid Capabilities

The Bank, by Univix Power Solutions, is a revolutionary home battery that stores energy for on-demand use – enabling homes to be self-powered and reduce reliance on grid electricity. The Bank allows for over 24-hours of emergency energy (18.2kWh), making it capable of powering a home's essential loads for an extended period of time. The Bank is compact, safe, and includes built-in controllers for alternative energy sources, and a powerful inverter, which provides for far simpler and easier integration. And best of all, The Bank is incredibly affordable – unlike traditional energy backup solutions.

### GENERAL SPECIFICATIONS

System Storage Capacity	250AH 24/48VDC @ 10 Hour Rate
System Work Model	Off-Grid Battery, Based with Grid or Fuel Generator Input
UPS Function	Yes
Battery Life Cycle	10-15 years @ 50% DOD
Integrated Systems	Built-in Inverter, Transfer Switch, MPPT Charge Controller, AC Charger, Power Drive
System Efficiency	97%

Model	12000	9000
<b>AC INPUT</b>		
AC Input Voltage	240V +/- 10%	240V +/- 10%
AC Input Max Current	30A	30A
Input Frequency	50/60hz	50/60hz
<b>AC OUTPUT</b>		
AC Output Voltage	120/240 +/- 10%	120/240 +/- 10%
AC Output Continuous Power	8000W @ 240V	6000W @ 240V
AC Output Peak Power (1 minute)	12,000W @ 240V	9000W @ 240V
AC Output Frequency	50/60hz +/- .3hz	50/60hz +/- .3hz
AC Continuous Output Current	33A @ 240V	25A @ 240V
AC Max Output Current	50A @ 240V	37.5A @ 240V
<b>SOLAR PV</b>		
MPPT Charger Max Current (A)	120A	60A
PV Max Voltage Input (DC)	145VDC	145VDC
Solar Charger Type	MPPT	MPPT
DC Inputs (Solar)	(2) 75A Amphenol 2P	75A Amphenol 2P
<b>BATTERY</b>		
Battery Type	Carbon	Carbon
Battery Voltage (DC)	48V	48V
Battery Capacity	250AH @ 10 Hour Rate	250AH
Efficiency	87%	87%
Battery Warranty	10 Years Limited	10 Years Limited
<b>OPERATION, STORAGE &amp; TRANSPORTATION</b>		
Ambient Temperature (min/max)	15°C to 30°C	15°C to 30°C
Humidity (min/max)	10 to 75% R.H. Non-Condensing	10 to 75% R.H. Non-Condensing
Pollution	Degree: 2	Degree: 2
Vibration	Class 3M1 (Vibration: 1 m/s <sup>2</sup> )	Class 3M1 (Vibration: 1 m/s <sup>2</sup> )
OVC (Overvoltage Category)	Category II	Category II
<b>OTHER</b>		
AC Outputs	30A 4P TL, (2) 20A Duplex	30A 4P TL, (2) 20A Duplex
Other Outputs	(2) USB	(2) USB
AC Inputs	30A TL 4P	30A TL 4P
Runtime @ 650W Continuous Load	> 24 Hours	> 24 Hours
Transfer Time	< 20ms	< 20ms
AC Charger	50A	50A
<b>MECHANICAL SPECIFICATIONS</b>		
Dimensions	49.5 x 29.5 x 36.5 LxWxH	49.5 x 29.5 x 36.5 LxWxH
Gross Product Weight (Not Shipping Weight)	898 Lbs (407 kg)	864 Lbs (392 kg)

**Get Started Today!**

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