

(408) 353-4374



[info@energysecurity.com](mailto:info@energysecurity.com)

Specification/Feature	Nano BAM	Micro BAM	Mini BAM	BAM	Mega BAM
Backup Service Panel Size	15 - 60 Amp	60-150 Amp	125-200 Amp	200-400 Amp	400+ Amp
Service Phase Type	Single	Single	Single or 3 Phase	Single or 3 Phase	Single or 3 Phase
<b>Storage/Power:</b>					
Output Range	3kW - 14 kW	9 kW - 36 kW	36 kW - 72 kW	48 kW - 96 kW	96 kW or Higher
Battery Storage (Min/Max)	10 kWh - 50kWh	25 kWh - 125kWh	60 kWh - 250 kWh	100 kWh - 250 kWh	200 kWh - 500 kWh
Outputs	Single - Mission Critical	Dual MC UPS + Micro Grid	Tri MC UPS + Micro Grid + Internal Control UPS	Tri MC UPS + Micro Grid + Internal Control UPS	Dual MC + Micro Grid
Hours backup@ 5kWh use	2 - 10 Hours	5 - 25 Hours	12 - 50 Hours	20 - 50 Hours	40 - 100 Hours
<b>Size</b>					
# System Cabinets	Half to 1	1	2	3	3+
Cabinet Size -	24" x 30" x 48"	24"W x 30"D x 90"H	48"W x 30"D x 90"H	72"W x 30"D x 90"H	72"W x 30"D x 90"H
# of Battery Cabinets	Half to 1	1 to 2	1 to 5	2 to 5	4 to 10
<b>Energy Inputs:</b>					
Grid Tied, Grid Interactive, Off Grid	X	X	X	X	X
Solar Ready	Optional	Optional	X	X	X
Generator Ready	NA		X	X	X
Micro CHP Ready	NA	CHP Option	CHP Option	CHP Option	CHP Option
Geothermal Ready	NA	Optional	Optional	Optional	Optional
Wind Ready	Optional	Optional	Optional	Optional	Optional
Fuel Cell - Ready	NA	Optional	Optional	Optional	Optional
Hydroelectric Ready	NA	Optional	Optional	Optional	Optional
<b>Other Features:</b>					
Hot Swappable Inverters	X	X	X	X	X
Integrated MSP+Switchgear	NA	X	X	X	X
Nano-Grid Technology	X	X	X	X	X
Thermal Production & Storage	NA	CHP Option	CHP Option	CHP Option	CHP Option
Blinkless Power	X	X	X	X	X
Flexible Battery Storage (BESS)	10 kWh - 50kWh	25 kWh - 125kWh	60 kWh - 250 kWh	100 kWh - 250 kWh	200 kWh - 500 kWh
Inverter Redundancy	X	X	X	X	X
Hardened Network Security	X	X	X	X	X
ESI's Control App	NA	X	X	X	X
Remote Service Capabilities	NA	X	X	X	X
Easily Expandable	X	X	X	X	X

