

(408) 353-4374



info@energysecurity.com

Specification/Feature	EC 25-100	EC 75-200	EC 175-375	EC 300-600	EC 500+
Backup Service Panel Size	25-100 Amp	75-200 Amp	175-375 Amp	300-600 Amp	500+ 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	18kW - 48kW	40kW - 80kW	75kW - 140kW	120kW or Higher
Battery Storage (Min/Max)	10 kWh - 50kWh	20 kWh - 160kWh	60 kWh - 250 kWh	100 kWh - 250 kWh	200 kWh - 600 kWh
Outputs	Single: Critical + Priority	Dual: Critical + Priority	Tri: Control + Critical + Priority	Quad: Control + Critical + Priority + Mechanical	Quad: Control + Critical + Priority + Mechanical
Hours backup@5kWh load	2 - 10 Hours	5 - 32 Hours	8 - 50 Hours	20 - 50 Hours	40 - 120 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 Configurable	X	X	X	X	X
Generator Configurable	X	X	X	X	X
Micro CHP Configurable	X	X	X	X	X
Wind Configurable	Optional	X	X	X	X
Fuel Cell Configurable	Optional	X	X	X	X
Hydroelectric Configurable	X	X	X	X	X
<b>Other Features:</b>					
Hot Swappable Inverters	X	X	X	X	X
Integrated MSP+Switchgear	NA	Optional	X	X	X
Integrated Nano-Grid	X	X	X	X	X
Thermal Management	NA	X	X	X	X
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	X	X	X	X	X
Remote Service Capabilities	Optional	X	X	X	X
Easily Expandable	X	X	X	X	X

