BDA Model: GUARDIAN-A

BDA Specifications	
BDA Current Draw	3.333A
BDA Voltage	24VDC
BDA Power Consumption	80W
Safety Factor	20%

Runtime Calculations:

Runtime Requirement: 12 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*12h * 3.3333A * 1.2*
Minimum Battery Capacity (Ah) =	*48.00Ah*
Recommended Battery Size =	***55Ah @ 24VDC***

Runtime Requirement: 24 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*24h * 3.3333A * 1.2*
Minimum Battery Capacity (Ah) =	*96.00Ah*
Recommended Battery Size =	***100Ah @ 24VDC***

BDA Model: GUARDIAN-B-27

BDA Specifications	
BDA Current Draw	2.500A
BDA Voltage	24VDC
BDA Power Consumption	60W
Safety Factor	20%

Runtime Calculations:

Runtime Requirement: 12 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*12h * 2.5A * 1.2*
Minimum Battery Capacity (Ah) =	*36.00Ah*
Recommended Battery Size =	***55Ah @ 24VDC***

Runtime Requirement: 24 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*24h * 2.5A * 1.2*
Minimum Battery Capacity (Ah) =	*72.00Ah*
Recommended Battery Size =	***100Ah @ 24VDC***

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BDA Model: GUARDIAN-B-33

BDA Specifications	
BDA Current Draw	2.500A
BDA Voltage	24VDC
BDA Power Consumption	60W
Safety Factor	20%

Runtime Calculations:

Runtime Requirement: 12 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*12h * 2.5A * 1.2*
Minimum Battery Capacity (Ah) =	*36.00Ah*
Recommended Battery Size =	***55Ah @ 24VDC***

Runtime Requirement: 24 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*24h * 2.5A * 1.2*
Minimum Battery Capacity (Ah) =	*72.00Ah*
Recommended Battery Size =	***100Ah @ 24VDC***

BDA Model: GUARDIAN-UHF

BDA Specifications	
BDA Current Draw	3.750A
BDA Voltage	24VDC
BDA Power Consumption	90W
Safety Factor	20%

Runtime Calculations:

Runtime Requirement: 12 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*12h * 3.75A * 1.2*
Minimum Battery Capacity (Ah) =	*54.00Ah*
Recommended Battery Size =	***55Ah @ 24VDC***

Runtime Requirement: 24 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*24h * 3.75A * 1.2*
Minimum Battery Capacity (Ah) =	*108.00Ah*
Recommended Battery Size =	***110Ah @ 24VDC***

BDA Model: GUARDIAN-4

BDA Specifications	
BDA Current Draw	2.917A
BDA Voltage	12VDC
BDA Power Consumption	35W
Safety Factor	20%

Runtime Calculations:

Runtime Requirement: 12 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*12h * 2.9167A * 1.2*
Minimum Battery Capacity (Ah) =	*42.00Ah*
Recommended Battery Size =	***55Ah @ 12VDC***

Runtime Requirement: 24 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*24h * 2.9167A * 1.2*
Minimum Battery Capacity (Ah) =	*84.00Ah*
Recommended Battery Size =	***100Ah @ 12VDC***

BDA Model: GUARDIAN-QR700

BDA Specifications	
BDA Current Draw	2.500A
BDA Voltage	12VDC
BDA Power Consumption	30W
Safety Factor	20%

Runtime Calculations:

Runtime Requirement: 12 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*12h * 2.5A * 1.2*
Minimum Battery Capacity (Ah) =	*36.00Ah*
Recommended Battery Size =	***55Ah @ 12VDC***

Runtime Requirement: 24 Hour	
Minimum Battery Capacity (Ah) =	*Backup Runtime(h) * Current (A) * (1 + Safety Factor)*
Minimum Battery Capacity (Ah) =	*24h * 2.5A * 1.2*
Minimum Battery Capacity (Ah) =	*72.00Ah*
Recommended Battery Size =	***100Ah @ 12VDC***