

## DDm UPS Battery Range Summary

The PowerSafe<sup>®</sup> DDm battery range offers an ideal solution for large capacity Valve Regulated Lead Acid (VRLA) battery requirements. The PowerSafe DDm battery's steel can (module) design, with its integral racking system, provides a cost effective battery system. This creates a compact, quick and simple installation process.

The PowerSafe DDm battery system's cutting-edge technology incorporates an enhanced cell design with a superior racking system. The enhanced cell incorporates thicker positive plates for longer life. The welded/epoxy, dual post seal design provides the highest integrity seal in the industry. The large copper post design also enhances the high rate performance.

Cells are encased in dedicated protective steel cans (modules) that maintain constant, uniform compression for the life of the cell. The easy to assemble racking system provides total flexibility for system configuration and its built-in thermal management allows air flow between the cells, resulting in fast, effortless installation even in the most difficult locations.

The PowerSafe DDm battery, with its optimized recombination technology and extra thick plates, provides excellent performance and service life for mission critical systems.

### Features and Benefits

- Capacity: 292-4094 Watts per Cell (WPC) – 15 min. rate to 1.67 VPC @ 77°F (25°C)
- Steel module design, cells factory installed in permanent steel modules with one or two cells per can
- Standard top termination – optional side termination
- Clear flame retardant safety shields allow for easy visual inspection without removal
- Inter-unit connectors and terminal plates: tin-plated copper; optional lead-plated copper available
- Flexible module configuration – 2, 3, 4 or 6 cells wide in single cell modules; 2, 4 or 6 cells wide in 2-cell modules

## Construction

- Positive plate - thick 0.252" lead-calcium-tin grids minimize corrosion and prolong life
- Negative plate - balanced lead-calcium plates optimize recombination efficiency
- Absorbed Glass Mat (AGM) separator - mechanically strong, low electrical resistance, absorbed glass mat which completely absorbs the electrolyte into its structure
- Container/cover - standard UL94 V-0 flame retardant polypropylene (LOI 28%)
- Terminal post - square lead-tin coated copper insert cross-drilled (0.25" holes) with large surface area, to provide maximum conductivity<sup>2</sup>
- Terminal seal - ring burn with secondary epoxy resin seal is 100% water bath tested in the factory and proven in service
- Relief valve - operates at 2-3 psi and is complete with integral flame arrestor

## Installation and Operation

- Compact, quick and simple installation process
- Low maintenance – no watering required
- Thick plates, single piece container construction, robust construction for long life
- Welded/epoxy dual post seal design means zero leaks
- 100% "out of the box" initial capacity
- Operating temperature: -4°F (-20°C) to 122°F (50°C)  
Recommended temperature: 68°F (20°C) to 86°F (30°C)
- Optional disconnect switches, wall or relay rack mounted
- Initial post torque 85 in - lb (7.1 ft - lb), 9.6 Newton meters (N-m) Re-torque to 80%; 2DDm35-07 post torque 60 in - lb (5 ft - lb), 6.8 N-m
- DDm System now featuring square post

## Standards

- Non-spillable classification (UN2800)
- Approved for air transportation (IATA A67)
- Recognized by UL (UL standard 1989)
- The management systems governing the manufacture of this product are ISO 9001:2008 and ISO 14001:2004 certified
- Certified to 1997 UBC Zone 4 to eight high on DDm125 and ten high on DDm35, DDm50, DDm85 and DDm100 sizes for certain configurations

## General Specifications

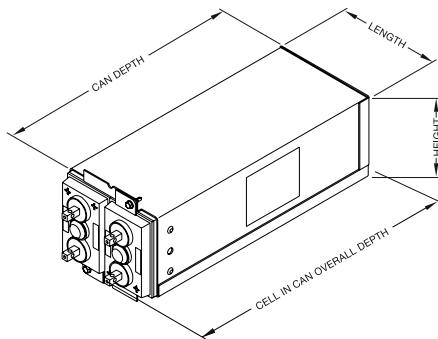
Battery Type	Cell Type	Ah Capacity	Cells per module	Nominal Voltage (V)	Nominal Row Height		Nominal Stack Depth		Nominal Stack Length**						Typical System Weight per Cell <sup>1</sup>					
					in	mm	in	mm	2 Wide	3 Wide	4 Wide	6 Wide	Unpacked		Packed					
					in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
DDm35-07 <sup>2</sup>	2DDm35-07 <sup>2</sup>	105	2	4	8.63	219.2	16.25	412.8	12.78*	324.6*	N/A	N/A	17.26*	483.4*	16.90	429.3	26.0	12.0	29.3	13.3
DDm50-09	2DDmP50-09	200	2	4	8.63	219.2	16.25	412.8	15.78*	400.8*	N/A	N/A	18.41	476.6	25.90	657.9	47.0	21.3	50.3	22.8
DDm50-13	2DDmP50-13	300	2	4	8.63	219.2	16.25	412.8	18.78*	477.0*	N/A	N/A	24.41	620.0	34.90	886.5	65.0	29.5	68.3	31.0
DDm50-17	DDmP50-17	400	1	2	8.63	219.2	16.25	412.8	17.38	441.5	24.37	619.0	31.15	791.2	45.06	1144.5	88.0	39.9	91.3	41.4
DDm85-13	2DDmP85-13	510	2	4	8.63	219.2	23.50	569.6	18.78*	477.0*	N/A	N/A	24.41	620.0	34.90	886.5	96.0	43.6	99.3	45.1
DDm85-15	2DDmP85-15	595	2	4	8.63	219.2	23.50	569.6	20.28*	515.1*	N/A	N/A	27.41	696.2	39.40	1000.8	111.0	50.4	114.3	51.9
DDm85-21	DDmP85-21	850	1	2	8.63	219.2	23.50	569.6	20.37	517.4	28.82	732.0	37.15	943.6	55.60	1412.2	159.0	72.1	162.3	73.6
DDm85-25	DDmP85-25	1020	1	2	8.63	219.2	23.50	569.6	23.37	593.6	33.32	846.3	43.15	1096.0	64.57	1640.1	183.0	83.0	186.3	84.5
DDm85-27	DDmP85-27	1105	1	2	8.63	219.2	23.50	569.6	24.87	631.7	35.58	903.7	46.16	1172.5	69.11	1755.4	199.0	90.3	202.3	91.8
DDm85-33	DDmP85-33	1360	1	2	8.63	219.2	23.50	569.6	29.37	746.0	42.32	1074.9	55.15	1400.8	82.60	2098.0	245.0	111.1	248.3	112.6
DDm100-21	DDmP100-21	1000	1	2	8.63	219.2	26.25	666.8	20.37	517.4	28.82	732.0	37.15	943.6	55.60	1412.2	185.0	83.9	188.3	85.4
DDm100-25	DDmP100-25	1200	1	2	8.63	219.2	26.25	666.8	23.37	593.6	33.32	846.3	43.15	1096.0	64.57	1640.1	219.0	99.3	222.3	100.9
DDm100-27	DDmP100-27	1300	1	2	8.63	219.2	26.25	666.8	24.87	631.7	35.58	903.7	46.16	1172.5	69.11	1172.5	236.0	107.1	239.3	108.6
DDm100-33	DDmP100-33	1600	1	2	8.63	219.2	26.25	666.8	29.37	746	42.32	1074.9	55.15	1400.8	82.60	2098.0	287.0	130.2	290.3	131.7
DDm125-25	DDmP125-25	1500	1	2	11.00	279.4	27.50	698.5	24.48	621.8	34.27	870.5	44.37	1127.0	65.68	1668.3	269.0	122.0	272.3	123.5
DDm125-27	DDmP125-27	1625	1	2	11.00	279.4	27.50	698.5	25.98	659.9	36.53	927.9	47.37	1203.2	70.22	1783.6	290.0	131.5	293.3	133.3
DDm125-33	DDmP125-33	2000	1	2	11.00	279.4	27.50	698.5	30.48	774.2	43.27	1099.0	56.37	1431.8	83.71	2126.2	355.0	161.0	358.3	162.5

\* Standard top termination now available, stack length is with same side termination.

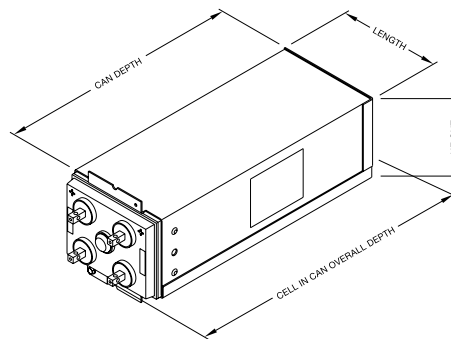
\*\* Stack dimension representative of single stack configurations. Contact EnerSys<sup>®</sup> for seismic qualifications of systems.

<sup>1</sup> Includes hardware for calculating system weight.

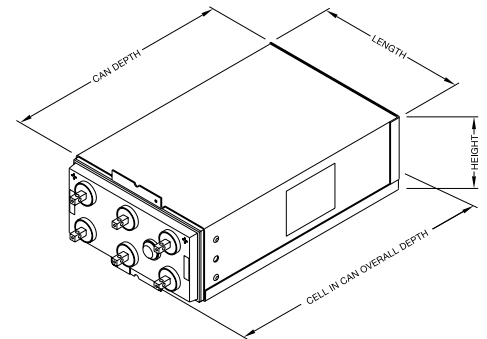
<sup>2</sup> DDm35-07 only available with round post.



2DDmP50-09  
2DDmP50-13  
2DDmP85-13  
2DDmP85-15



DDmP50-17 DDmP85-27 DDmP100-27  
DDmP85-21 DDmP100-21 DDmP125-25  
DDmP85-25 DDmP100-25 DDmP125-27



DDmP85-33  
DDmP100-33  
DDmP125-33

# Battery Range Summary

## Discharge Rates (KW per Cell) to 1.60 VPC at 77°F (25°C)

System Type	Cell Type	Nom Ah	Standby Time (Minutes)						
			5	10	15	20	30	45	60
DDm35-07	2DDm35-07 <sup>2</sup>	135	0.474	0.373	0.303	0.255	0.196	0.148	0.121
DDm50-09	2DDmP50-09	200	0.679	0.577	0.504	0.445	0.360	0.281	0.232
DDm50-13	2DDmP50-13	300	1.019	0.865	0.756	0.667	0.541	0.421	0.348
DDm50-17	DDmP50-17	400	1.359	1.153	1.008	0.889	0.721	0.561	0.464
DDm85-13	2DDmP85-13	510	1.437	1.275	1.143	1.037	0.869	0.699	0.583
DDm85-15	2DDmP85-15	595	1.676	1.488	1.334	1.210	1.014	0.816	0.680
DDm85-21	DDmP85-21	850	2.395	2.125	1.906	1.728	1.449	1.165	0.971
DDm85-25	DDmP85-25	1020	2.874	2.550	2.287	2.074	1.739	1.398	1.165
DDm85-27	DDmP85-27	1105	3.113	2.763	2.477	2.247	1.883	1.515	1.263
DDm85-33	DDmP85-33	1360	3.832	3.400	3.049	2.765	2.318	1.865	1.554
DDm100-21	DDmP100-21	1000	2.686	2.390	2.150	1.956	1.656	1.348	1.139
DDm100-25	DDmP100-25	1200	3.224	2.868	2.579	2.348	1.988	1.618	1.366
DDm100-27	DDmP100-27	1300	3.492	3.108	2.794	2.543	2.153	1.753	1.480
DDm100-33	DDmP100-33	1600	4.298	3.825	3.439	3.130	2.650	2.157	1.822
DDm125-25	DDmP125-25	1500	4.105	3.664	3.320	3.036	2.586	2.103	1.750
DDm125-27	DDmP125-27	1625	4.447	3.970	3.597	3.289	2.802	2.278	1.896
DDm125-33	DDmP125-33	2000	5.474	4.886	4.427	4.048	3.448	2.804	2.334

## Discharge Rates (KW per Cell) to 1.65 VPC at 77°F (25°C)

System Type	Cell Type	Nom Ah	Standby Time (Minutes)						
			5	10	15	20	30	45	60
DDm35-07	2DDm35-07 <sup>2</sup>	135	0.445	0.358	0.296	0.252	0.195	0.148	0.121
DDm50-09	2DDmP50-09	200	0.643	0.551	0.486	0.434	0.355	0.281	0.232
DDm50-13	2DDmP50-13	300	0.964	0.826	0.729	0.651	0.533	0.421	0.348
DDm50-17	DDmP50-17	400	1.285	1.102	0.973	0.869	0.711	0.561	0.464
DDm85-13	2DDmP85-13	510	1.341	1.199	1.082	0.986	0.840	0.684	0.579
DDm85-15	2DDmP85-15	595	1.565	1.399	1.262	1.151	0.980	0.798	0.675
DDm85-21	DDmP85-21	850	2.235	1.998	1.803	1.644	1.400	1.141	0.964
DDm85-25	DDmP85-25	1020	2.682	2.398	2.163	1.973	1.680	1.369	1.157
DDm85-27	DDmP85-27	1105	2.906	2.598	2.343	2.137	1.820	1.483	1.254
DDm85-33	DDmP85-33	1360	3.576	3.197	2.884	2.630	2.240	1.825	1.543
DDm100-21	DDmP100-21	1000	2.523	2.259	2.043	1.868	1.601	1.318	1.121
DDm100-25	DDmP100-25	1200	3.028	2.711	2.451	2.241	1.922	1.582	1.346
DDm100-27	DDmP100-27	1300	3.280	2.937	2.655	2.428	2.082	1.713	1.458
DDm100-33	DDmP100-33	1600	4.037	3.615	3.268	2.988	2.562	2.109	1.794
DDm125-25	DDmP125-25	1500	3.831	3.453	3.147	2.896	2.492	2.049	1.744
DDm125-27	DDmP125-27	1625	4.150	3.741	3.410	3.137	2.699	2.219	1.890
DDm125-33	DDmP125-33	2000	5.108	4.605	4.196	3.861	3.322	2.731	2.326

## Discharge Rates (KW per Cell) to 1.70 VPC at 77°F (25°C)

System Type	Cell Type	Nom Ah	Standby Time (Minutes)						
			5	10	15	20	30	45	60
DDm35-07	2DDm35-07 <sup>2</sup>	135	0.412	0.337	0.284	0.245	0.192	0.147	0.121
DDm50-09	2DDmP50-09	200	0.599	0.519	0.461	0.416	0.346	0.277	0.232
DDm50-13	2DDmP50-13	300	0.898	0.779	0.692	0.624	0.520	0.415	0.348
DDm50-17	DDmP50-17	400	1.198	1.038	0.923	0.832	0.693	0.554	0.464
DDm85-13	2DDmP85-13	510	1.235	1.110	1.009	0.926	0.797	0.661	0.564
DDm85-15	2DDmP85-15	595	1.441	1.295	1.178	1.080	0.930	0.771	0.658
DDm85-21	DDmP85-21	850	2.059	1.850	1.682	1.543	1.329	1.102	0.940
DDm85-25	DDmP85-25	1020	2.470	2.220	2.019	1.851	1.595	1.322	1.128
DDm85-27	DDmP85-27	1105	2.676	2.405	2.187	2.006	1.728	1.432	1.222
DDm85-33	DDmP85-33	1360	3.294	2.960	2.692	2.468	2.126	1.763	1.504
DDm100-21	DDmP100-21	1000	2.337	2.106	1.918	1.762	1.525	1.273	1.092
DDm100-25	DDmP100-25	1200	2.805	2.527	2.301	2.114	1.829	1.527	1.310
DDm100-27	DDmP100-27	1300	3.038	2.738	2.493	2.290	1.982	1.655	1.419
DDm100-33	DDmP100-33	1600	3.740	3.370	3.069	2.819	2.439	2.037	1.747
DDm125-25	DDmP125-25	1500	3.535	3.208	2.948	2.728	2.364	1.970	1.691
DDm125-27	DDmP125-27	1625	3.829	3.476	3.194	2.955	2.561	2.135	1.831
DDm125-33	DDmP125-33	2000	4.713	4.278	3.931	3.637	3.152	2.627	2.254

## Discharge Rates (KW per Cell) to 1.63 VPC at 77°F (25°C)

System Type	Cell Type	Nom Ah	Standby Time (Minutes)						
			5	10	15	20	30	45	60
DDm35-07	2DDm35-07 <sup>2</sup>	135	0.457	0.365	0.299	0.254	0.196	0.148	0.121
DDm50-09	2DDmP50-09	200	0.658	0.562	0.494	0.439	0.358	0.281	0.232
DDm50-13	2DDmP50-13	300	0.988	0.843	0.742	0.659	0.537	0.421	0.348
DDm50-17	DDmP50-17	400	1.317	1.124	0.989	0.878	0.715	0.561	0.464
DDm85-13	2DDmP85-13	510	1.382	1.230	1.108	1.008	0.853	0.691	0.583
DDm85-15	2DDmP85-15	595	1.612	1.436	1.292	1.176	0.995	0.806	0.680
DDm85-21	DDmP85-21	850	2.303	2.051	1.846	1.680	1.422	1.152	0.971
DDm85-25	DDmP85-25	1020	2.763	2.461	2.215	2.016	1.706	1.382	1.165
DDm85-27	DDmP85-27	1105	2.994	2.666	2.400	2.184	1.848	1.498	1.263
DDm85-33	DDmP85-33	1360	3.685	3.281	2.954	2.688	2.275	1.843	1.554
DDm100-21	DDmP100-21	1000	2.593	2.314	2.087	1.905	1.626	1.332	1.130
DDm100-25	DDmP100-25	1200	3.112	2.777	2.505	2.286	1.951	1.598	1.356
DDm100-27	DDmP100-27	1300	3.371	3.008	2.714	2.477	2.114	1.731	1.469
DDm100-33	DDmP100-33	1600	4.149	3.702	3.340	3.049	2.602	2.131	1.808
DDm125-25	DDmP125-25	1500	3.943	3.542	3.220	2.955	2.533	2.073	1.750
DDm125-27	DDmP125-27	1625	4.272	3.838	3.488	3.201	2.744	2.246	1.896
DDm125-33	DDmP125-33	2000	5.257	4.723	4.293	3.940	3.377	2.764	2.334

## Discharge Rates (KW per Cell) to 1.67VPC at 77°F (25°C)

System Type	Cell Type	Nom Ah	Standby Time (Minutes)						
			5	10	15	20	30	45	60
DDm35-07	2DDm35-07 <sup>2</sup>	135	0.432	0.350	0.292	0.250	0.194	0.148	0.121
DDm50-09	2DDmP50-09	200	0.626	0.539	0.477	0.428	0.352	0.280	0.232
DDm50-13	2DDmP50-13	300	0.939	0.809	0.716	0.642	0.528	0.420	0.348
DDm50-17	DDmP50-17	400	1.252	1.078	0.954	0.856	0.705	0.560	0.464
DDm85-13	2DDmP85-13	510	1.299	1.165	1.054	0.963	0.825	0.676	0.574
DDm85-15	2DDmP85-15	595	1.516	1.360	1.230	1.124	0.962	0.789	0.669
DDm85-21	DDmP85-21	850	2.166	1.942	1.757	1.605	1.375	1.127	0.956
DDm85-25	DDmP85-25	1020	2.599	2.331	2.108	1.926	1.649	1.352	1.147
DDm85-27	DDmP85-27	1105	2.815	2.525	2.284	2.087	1.787	1.465	1.243
DDm85-33	DDmP85-33	1360	3.465	3.108	2.811	2.569	2.199	1.803	1.530
DDm100-21	DDmP100-21	1000	2.450	2.201	1.995	1.827	1.573	1.302	1.111
DDm100-25	DDmP100-25	1200	2.940	2.642	2.394	2.193	1.888	1.563	1.333
DDm100-27	DDmP100-27	1300	3.185	2.862	2.593	2.376	2.045	1.693	1.444
DDm100-33	DDmP100-33	1600	3.920	3.522	3.192	2.924	2.517	2.083	1.778
DDm125-25	DDmP125-25	1500	3.717	3.358	3.071	2.833	2.445	2.020	1.726
DDm125-27	DDmP125-27	1625	4.026	3.638	3.327	3.069	2.648	2.189	1.869
DDm125-33	DDmP125-33	2000	4.956	4.478	4.094	3.777	3.260	2.694	2.301

## Discharge Rates (KW per Cell) to 1.75 VPC at 77°F (25°C)

System Type	Cell Type	Nom Ah	Standby Time (Minutes)						
			5	10	15	20	30	45	60
DDm35-07	2DDm35-07 <sup>2</sup>	135	0.374	0.311	0.266	0.232	0.185	0.143	0.119
DDm50-09	2DDmP50-09	200	0.549	0.481	0.430	0.390	0.331	0.268	0.227
DDm50-13	2DDmP50-13	300	0.824	0.721	0.644	0.585	0.496	0.403	0.340
DDm50-17	DDmP50-17	400	1.098	0.961	0.859	0.780	0.662	0.537	0.453
DDm85-13	2DDmP85-13	510	1.118	1.010	0.926	0.855	0.742	0.625	0.541
DDm85-15	2DDmP85-15	595	1.304	1.178	1.080	0.997	0.866	0.729	0.631
DDm85-21	DDmP85-21	850	1.863	1.683	1.543	1.425	1.237	1.042	0.902
DDm85-25	DDmP85-25	1020	2.236	2.020	1.852	1.710	1.484	1.250	1.082
DDm85-27	DDmP85-27	1105	2.422	2.188	2.006	1.852	1.608	1.354	1.172
DDm85-33	DDmP85-33	1360	2.981	2.693	2.469	2.280	1.979	1.667	1.443
DDm100-21	DDmP100-21	1000	2.131	1.933	1.774	1.639	1.428	1.206	1.047
DDm100-25	DDmP100-25	1200	2.557	2.320	2.129	1.967	1.713	1.447	1.257
DDm100-27	DDmP100-27	1300	2.770	2.513	2.307	2.131	1.856	1.568	1.362
DDm100-33	DDmP100-33	1600	3.410	3.093	2.839	2.623	2.284	1.929	1.676
DDm125-25	DDmP125-25	1500	3.205	2.9					

## DDm UBC System Configurator

DDm System	Cell Type	Ah Capacity	Cells per module	Nominal Voltage (V)	Nominal Row Height		Nominal Stack Depth		Nominal Stack Length**						Typical System Weight per Cell <sup>1</sup>					
					in	mm	in	mm	2 Wide		3 Wide		4 Wide		6 Wide		Unpacked	Packed		
									in	mm	in	mm	in	mm	in	mm	lbs	kg	lbs	kg
DDm35-07 <sup>2</sup>	2DDm35-07 <sup>2</sup>	105	2	4	8.63	219.2	16.25	412.8	12.78*	324.6*	N/A	N/A	17.26*	438.4*	16.90	429.3	26.0	12.0	29.3	13.3
DDm50-09	2DDmP50-09	200	2	4	8.63	219.2	16.25	412.8	15.78*	400.8*	N/A	N/A	18.41	467.6	25.90	657.9	47.0	21.3	50.3	22.8
DDm50-13	2DDmP50-13	300	2	4	8.63	219.2	16.25	412.8	18.78*	477.0*	N/A	N/A	24.41	620.0	34.90	886.5	65.0	29.5	68.3	31.0
DDm50-17	DDmP50-17	400	1	2	8.63	219.2	16.25	412.8	17.38	441.5	24.37	619.0	31.15	791.2	45.06	1144.5	88.0	39.9	91.3	41.4
DDm85-13	2DDmP85-13	510	2	4	8.63	219.2	23.50	596.9	18.78*	477.0*	N/A	N/A	24.41	620.0	34.90	886.5	96.0	43.6	99.3	45.1
DDm85-15	2DDmP85-15	595	2	4	8.63	219.2	23.50	596.9	20.28*	515.1*	N/A	N/A	27.41	696.2	39.40	1000.8	111.0	50.4	114.3	51.9
DDm85-21	DDmP85-21	850	1	2	8.63	219.2	23.50	596.9	20.37	517.4	28.82	732.0	37.15	943.6	55.60	1412.2	159.0	72.1	162.3	73.6
DDm85-25	DDmP85-25	1020	1	2	8.63	219.2	23.50	596.9	23.37	593.6	33.32	846.3	43.15	1096.0	64.57	1640.1	183.0	83.0	186.3	84.5
DDm85-27	DDmP85-27	1105	1	2	8.63	219.2	23.50	596.9	24.87	631.7	35.58	903.7	46.16	1172.5	69.11	1755.4	199.0	90.3	202.3	91.8
DDm85-33	DDmP85-33	1360	1	2	8.63	219.2	23.50	596.9	29.37	746.0	42.32	1074.9	55.15	1400.8	82.60	2098.0	245.0	111.1	248.3	112.6
DDm100-21	DDmP100-21	1000	1	2	8.63	219.2	26.25	666.8	20.37	517.4	28.82	732.0	37.15	943.6	55.60	1412.2	185.0	83.9	188.3	85.4
DDm100-25	DDmP100-25	1200	1	2	8.63	219.2	26.25	666.8	23.37	593.6	33.32	846.3	43.15	1096.0	64.57	1640.1	219.0	99.3	222.3	100.9
DDm100-27	DDmP100-27	1300	1	2	8.63	219.2	26.25	666.8	24.87	631.7	35.58	903.7	46.16	1172.5	69.11	1755.4	236.0	107.1	239.3	108.6
DDm100-33	DDmP100-33	1600	1	2	8.63	219.2	26.25	666.8	29.37	746.0	42.32	1074.9	55.15	1400.8	82.60	2098.0	287.0	130.2	290.3	131.7
DDm125-25	DDmP125-25	1500	1	2	11.00	279.4	27.50	698.5	24.48	621.8	34.27	870.5	44.37	1127.0	65.68	1668.3	269.0	122.0	272.3	123.5
DDm125-27	DDmP125-27	1625	1	2	11.00	279.4	27.50	698.5	25.98	659.9	36.53	927.9	47.37	1203.2	70.22	1783.6	290.0	131.5	293.3	133.3
DDm125-33	DDmP125-33	2000	1	2	11.00	279.4	27.50	698.5	30.48	774.2	43.27	1099.0	56.37	1431.8	83.71	2126.2	355.0	161.0	358.3	162.5

\* Standard top termination now available, stack length is with same side termination.

\*\* Stack dimensions representative of single stack configurations. Contact EnerSys<sup>®</sup> for seismic qualifications of systems.

<sup>1</sup> Includes hardware for calculating system weight.

<sup>2</sup> 2DDm35-07 only available with round post.

### Formula

System Height = (Row Height x # of cells high) + 9.0"

System Length = Stack Length x # of stacks

System Weight = Cell Weight x # of cells

#### Formula 24-DDm85-21

4 cells wide per stack x 6 cells high per stack

System Height = (8.63" x 6) + 9.0" = 60.78"

System Length = 37.15" x 1 = 37.15"

System Weight = 159.0 lbs. x 24 = 3816.0 lbs

#### Formula 240-DDm125-25

4 cells wide per stack x 6 cells high per stack

System Height = (11.00" x 6) + 9.0" = 75.00"

System Length = 44.37" x 10 = 443.70"

System Weight = 269.0 lbs x 240 = 64,560.0 lbs.

### Terminal Locations

Not all locations are possible for all configurations.

