

UPS6-620MR

**HIGH
RATE
MAX**

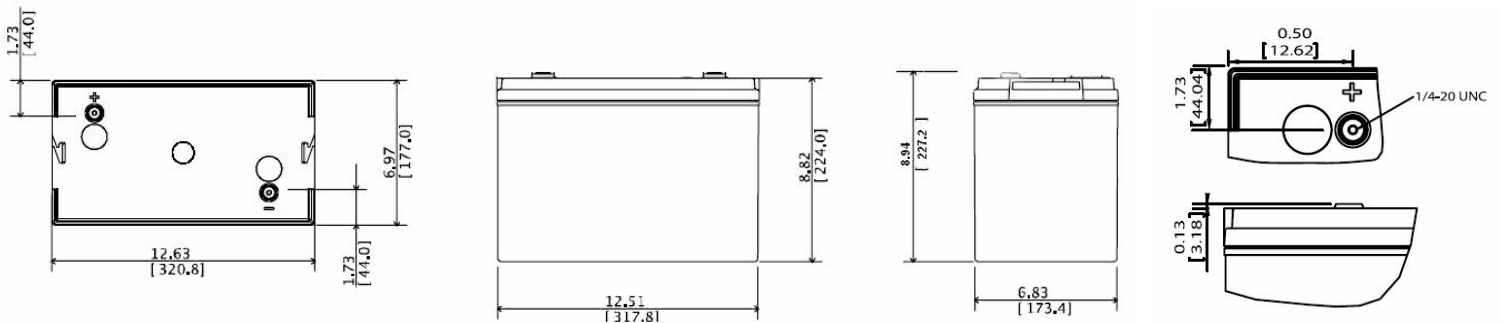
**VALVE REGULATED LEAD ACID
BATTERY (VRLA)**

FOR UPS STANDBY POWER

APPLICATIONS

6V 200 AH @ 20 HR RATE,

12V 620 WATTS/CELL @ 15 MIN RATE



Note: All dimensions in inch and millimeters, All dimensions are for reference only. Contact a C&D representative for complete dimensional information.

Cells Per Unit	Voltage Per unit	Weight	Electrolyte	Maximum Discharge Current	Short Circuit Current	Ohms Imped. 60Hz (Ω)
3	6.42	33.0Kg	H ₂ SO ₄ ; S.G.=1.30	800 Amps	4350 Amps @0.1 Sec	0.0015 Ohms

UPS6-620MR Constant Power Discharge Ratings – Watts Per Cell @ 25°C

EPV	5 min	6 min	7 min	8 min	9 min	10 min	11 min	12 min	13 min	14 min	15 min	16 min	17 min	18 min	19 min	20 min
1.60	999.6	952.0	907.9	867.1	829.3	794.4	762.2	732.3	704.5	678.8	654.8	632.5	611.6	592.0	573.7	556.5
1.65	951.0	907.4	867.1	829.9	795.4	763.4	733.8	706.2	680.5	656.6	634.2	613.3	593.7	575.2	557.9	541.6
1.67	937.6	892.1	850.7	812.9	778.4	746.6	717.4	690.3	665.2	641.8	620.0	599.6	580.6	562.6	545.8	529.9
1.70	890.1	848.9	811.6	777.5	746.3	717.5	690.9	666.1	643.1	621.6	601.5	582.6	564.8	548.1	532.3	517.4
1.75	861.6	814.1	774.2	739.5	708.7	681.0	655.9	632.8	611.4	591.7	573.2	556.0	539.8	524.5	510.2	496.6
1.80	723.0	704.6	686.1	667.4	648.6	630.0	611.4	593.1	575.2	557.7	540.7	524.2	508.4	493.3	478.9	465.1

1.85	608.5	595.1	581.6	568.0	554.4	540.9	527.4	514.1	500.9	488.0	475.4	463.0	451.1	439.5	428.3	417.5
1.90	488.5	480.5	472.3	464.2	455.9	447.6	439.2	430.8	422.4	414.0	405.6	397.3	389.0	380.9	372.8	364.9

UPS6-620MR Extended Constant Power Discharge Ratings – Watts Per Cell @ 25°C

EPV	25 min	30 min	35 min	40 min	45 min	50 min	60 min	90 min	2 Hrs	3 Hrs	4 Hrs	5 Hrs	8 Hrs	10 Hrs	12 Hrs	20 Hrs
1.60	484.1	428.7	384.9	349.4	320.0	295.3	255.9	183.2								
1.65	472.3	418.8	376.2	341.5	312.7	288.3	249.6	178.0								
1.67	462.6	410.4	368.8	334.8	306.6	282.7	244.6	174.1								
1.70	453.4	403.3	362.9	329.6	301.9	278.4	240.7	170.8								
1.75	438.1	391.8	354.2	322.9	296.5	274.0	237.7	169.2	135.0	98.3	78.0	64.9	43.6	36.1	31.0	18.9
1.80	406.2	360.9	325.6	297.3	274.1	254.7	223.9	166.5	133.7	96.7	76.1	62.9	42.2	35.1	30.2	19.3
1.85	369.7	331.5	300.7	275.7	254.9	237.4	209.4	156.8	126.4	92.0	72.7	60.2	40.6	33.8	29.0	18.6
1.90	328.0	296.1	269.5	247.4	229.0	213.4	188.5	141.9	115.1	84.7	67.4	56.2	38.0	31.8	27.4	17.8

UPS6-620MR Constant Current Discharge Ratings – Amp @ 25°C

EPV	0.5 Hr	1 Hr	2 Hrs	3 Hrs	4 Hrs	5 Hrs	6 Hrs	7 Hrs	8 Hrs	9 Hrs	10 Hrs	12 Hrs	14 Hrs	16 Hrs	18 Hrs	20 Hrs	24 Hrs
1.75	196.2	121.1	71.2	50.9	39.8	32.6	27.7	24.1	21.9	19.8	18.1	15.6	13.7	12.2	11.0	10.0	8.4
1.80	184.2	113.7	67.6	48.8	38.3	31.6	26.9	23.4	21.2	19.2	17.6	15.1	13.3	11.8	10.6	9.7	8.2
1.85	167.8	105.7	63.6	46.2	36.4	30.1	25.7	22.4	20.3	18.4	16.9	14.5	12.7	11.3	10.2	9.3	7.9
1.90	149.1	94.6	57.7	42.4	33.7	28.0	24.0	21.0	19.0	17.2	15.8	13.7	12.1	10.8	9.8	8.9	7.6