

UPS6-625PLP

TOP TERMINAL



END POINT VOLTS/CELL	CONSTANT POWER DISCHARGE RATINGS - WATTS PER CELL @ +77°F (+25°C)										
	OPERATING TIME TO END POINT VOLTAGE (IN MINUTES)										
	1	2	3	4	5	10	15	20	30	45	60
1.75	1058.5	1004.9	954.2	906.5	861.6	681	573.2	496.6	391.8	296.5	237.4
1.70	1068.9	1020.8	975	931.4	890.1	717.5	601.5	517.4	403.3	301.9	240.7
1.67	1136.8	1083.1	1032	983.5	937.6	746.6	620	529.9	410.4	306.6	244.6
1.65	1143.1	1091.6	1042.4	995.5	951	763.4	634.2	541.6	418.8	312.7	249.6
1.60	1210.992	1154.208	1100.048	1048.512	999.6	794.4	654.8	556.5	428.7	320	255.9
END POINT VOLTS/CELL	CONSTANT CURRENT DISCHARGE RATINGS - AMPS @ +77°F (+25°C)										
	OPERATING TIME TO END POINT VOLTAGE (IN HOURS)										
	1	2	3	5	8	10	12	20	24		
1.90	94.6	57.7	42.4	28	19	15.8	13.7	8.9	7.6		
1.85	105.7	63.6	46.2	30.1	20.3	16.9	14.5	9.3	7.8		
1.80	113.7	67.6	48.7	31.5	21.2	17.6	15.1	9.7	8.2		
1.75	121.1	71.2	50.9	32.6	21.9	18.1	15.6	10	8.4		

Note: Specifications subject to change without notification. Above ratings do not include interunit connector voltage drops.

TECHNICAL DATA

MODEL	CONSTANT CURRENT			CONSTANT POWER RATINGS		DIMENSIONS (L*W*H*TOTAL HEIGHT)								WEIGHT	
	C8	C20	C10	5	15	LENGTH		WIDTH		HEIGHT		TOTAL HEIGHT		LBS	KG
	1.75 @25°C	1.75 @25°C	1.80 @20°C	MIN	MIN	MM	Inches	MM	Inches	MM	Inches	MM	Inches		
UPS12-105PLP	24	26	23	172	90.9	166.2	6.54	131.3	5.17	161.7	6.37	174.3	6.86	21	10
UPS12-155PLP	32	34.6	30	290	148	197.1	7.76	131.9	5.19	165.7	6.52	172.7	6.80	27.3	12.4
UPS12-305PLP	74	78	69	571	315	260.9	10.3	173.4	6.8	200.3	7.9	203.5	8.0	58.4	26.5
UPS12-355PLP	88	94	83	685	366	305.8	12.0	173.4	6.8	201.6	7.9	204.8	8.1	67.4	30.5
UPS12-405PLP	95	104	90	710	402	340.9	13.4	172.7	6.8	213.2	8.4	216.4	8.5	75.8	34.4
UPS12-495PLP	130	140	123	813	492	344.7	13.6	172.7	6.8	274.5	10.8	277.7	10.9	100.0	45.4
UPS12-545PLP	137	146	128	920	542	344.7	13.6	172.7	6.8	274.5	10.8	277.7	10.9	100.0	45.4
UPS12-605PLP	139	148	132	969	603	344.7	13.6	172.7	6.8	274.5	10.8	277.7	10.9	109.0	49.4
UPS6-625PLP	175.2	199	167	938	620	320.8	12.63	177	6.97	224	8.82	277.7	10.93	72	33
UPS12-675PLPF	172	179	163	1100	671	559.0	22.0	125.0	4.9	278.7	11.0	278.7	11.0	124.6	56.50
UPS12-705PLPF	191	206	181	1166	707	559.0	22.0	125.0	4.9	320.0	12.6	320.0	12.6	149.0	67.5
UPS12-1005PLPF	238	254	227	1600	1010	559.0	22.0	154.0	6.1	320.0	12.6	320.0	12.6	188.0	85.3

ADDITIONAL DATA

MODEL	VOLTAGE	TERMINAL	CELLS PER UNIT	MAXIMUM DISCHARGE CURRENT (AMPS)	SHORT CIRCUIT CURRENT (AMPS @ 0.1 SEC)	TERMINAL TYPE	TERMINAL TORQUE
UPS12-105PLP	12	Top	6	600	1750	10-32 UNF	40 in.-lbs (4.5 N-m)
UPS12-155PLP	12	Top	6	600	2500	10-32 UNF	40 in.-lbs (4.5 N-m)
UPS12-305PLP	12	Top	6	800	3600	1/4-20 UNC	110 in.-lbs. (12.4 N-m)
UPS12-355PLP	12	Top	6	800	4200	1/4-20 UNC	110 in.-lbs. (12.4 N-m)
UPS12-405PLP	12	Top	6	800	4700	1/4-20 UNC	110 in.-lbs. (12.4 N-m)
UPS12-495PLP	12	Top	6	800	5000	1/4-20 UNC	110 in.-lbs. (12.4 N-m)
UPS12-545PLP	12	Top	6	800	5000	1/4-20 UNC	110 in.-lbs. (12.4 N-m)
UPS12-605PLP	12	Top	6	800	5000	1/4-20 UNC	110 in.-lbs. (12.4 N-m)
UPS6-625PLP	6	Top	3	800	4350	1/4-20 UNC	110 in.-lbs (12.4 N-m)
UPS12-675PLPF	12	Front	6	800	5100	1/4-20 UNC	110 in.-lbs. (12.4 N-m)
UPS12-705PLPF	12	Front	6	900	5500	1/4-20 UNC	110 in.-lbs. (12.4 N-m)
UPS12-1005PLPF	12	Front	6	1200	6048	Insert (M8)	160 in.-lbs (18 N-m)

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12-1121



BENEFITS



Reduce Operating Costs - Long life pure lead technology reduces battery replacements by up to 40% over traditional VRLA batteries*



Reduce Footprint - Extensive portfolio to reduce footprint by up to 28% and battery quantity by up to 40% vs leading competitors



Increased Reliability - Designed specifically for safely handling sub-5 minutes of runtime without sacrificing long-term performance



Reduce Cooling Costs - Save on cooling costs and improve your environmental footprint with improved temperature on standard warranty

*Assumes a replacement cycle based on standard warranty of 3 years for VRLA and 5 years for PLP over a 15-year UPS life

FEATURES

- 12+ year design life @ 25°C (77°F) with storage capability of 2 years at 25°C (77°F) with minimum upkeep
- Standard warranty of 5 years at 30°C (86°F)
- MSE's Advanced proprietary paste processing for high active material utilization resulting in low float
- Patented Long-Life Alloy in the grids to minimize grid growth, reduce gassing, and extend battery life
- Available in both Top terminal and TFA (True Front Access) formats
- Our TFA design maximizes energy density and minimizes internal resistance by providing a direct connection from the plates to the terminals
- Published rates down to 1 minute
- Patented UL Recognized Flame-arresting vents in each cell for safety
- Thermally welded and helium leak tested case-to-cover bond ensures a robust leak proof seal
- Can be operated in any orientation

CERTIFICATIONS & COMPLIANCES

TAA Compliant

Complies with UL1778, 924, 1989 AND 94 V-2, BS6290-4, IEC-896-2