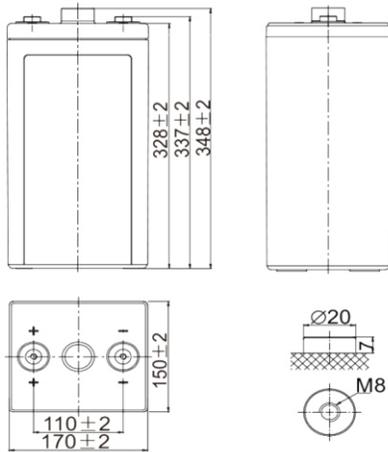


DJ SERIES-GENERAL PURPOSE

DJ-300 (2V300AH)



CHARACTERISTICS

Item	Specifications	
Rated Voltage	2V	
Nominal Capacity (25°C)	C ₁₀ , 1.80V/cell	300Ah
Dimension	Length	170±2mm (6.69 inches)
	Width	150±2mm (5.91 inches)
	Container Height	348±2mm (12.9 inches)
	Total Height	348±2mm (13.7 inches)
Approx Weight	18.8kg (13.7 inches)	
Terminal	M8	
Container Material	ABS	
Max. Discharge Current	2400A (5s)	
Internal Resistance (25°C)	Approx 0.78mΩ (Fully charged)	
Operating Temp. Range	Discharge	-15~50°C (5~122°F)
	Charge	-20~40°C (-4~104°F)
	Storage	-15~40°C (5~104°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Max. Charging Current (25°C)	0.3C	
Charge voltage (25°C)	Standby Use	Cycle Use
	2.23-2.70V/cell	2.35-2.40V/cell
Temp. Coefficient	-4mV/cell/°C	
	-5mV/cell/°C	
Effect of temp. to Capacity	40°C (104°F)	103%
	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	≤3% per month at 25°C (77°F).	
	DJ series batteries may be stored up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.	

DISCHARGE TABLE

Constant Power Discharge (Amperes) at 25 C (77 F)												
F.V/Time	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	208.8	165.1	144.5	113.9	92.3	70.2	56.5	47.7	41.4	33.6	28.1	15.1
1.80V/cell	236.1	184.6	159.9	124.7	100.4	76.0	60.9	51.3	44.4	36.0	30.0	15.9
1.75V/cell	246.7	192.1	165.8	128.9	103.5	78.0	62.4	52.5	45.3	36.7	30.5	16.1
1.70V/cell	263.5	199.4	171.9	133.2	106.8	80.3	64.0	53.7	46.3	37.3	30.9	16.3
1.67V/cell	281.7	203.9	175.5	135.6	108.6	81.5	64.9	54.4	46.8	37.7	31.2	16.4
1.60V/cell	284.9	214.4	184.0	141.7	113.1	84.5	67.0	56.0	48.1	38.6	31.9	16.7
Constant Power Discharge (Watts/cell) at 25 C (77 F)												
F.V/Time	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	403.6	320.1	280.9	222.1	180.4	137.7	111.0	93.8	81.6	66.4	55.6	30.0
1.80V/cell	452.4	355.3	308.7	241.7	195.3	148.4	119.2	100.8	87.3	71.0	59.3	31.6
1.75V/cell	468.9	366.9	317.9	248.3	200.2	151.7	121.7	102.7	88.9	72.1	60.1	32.0
1.70V/cell	496.1	377.9	327.3	255.1	205.5	155.4	124.4	104.8	90.5	73.3	60.9	32.3
1.67V/cell	525.3	384.4	332.5	258.8	208.2	157.3	125.8	105.8	91.5	73.9	61.4	32.6
1.60V/cell	526.8	400.0	345.4	268.1	215.3	162.1	129.3	108.6	93.6	75.4	62.6	33.1

Manufactured by LEOCH

DJ SERIES-GENERAL PURPOSE

DJ-300 (2V300AH)

