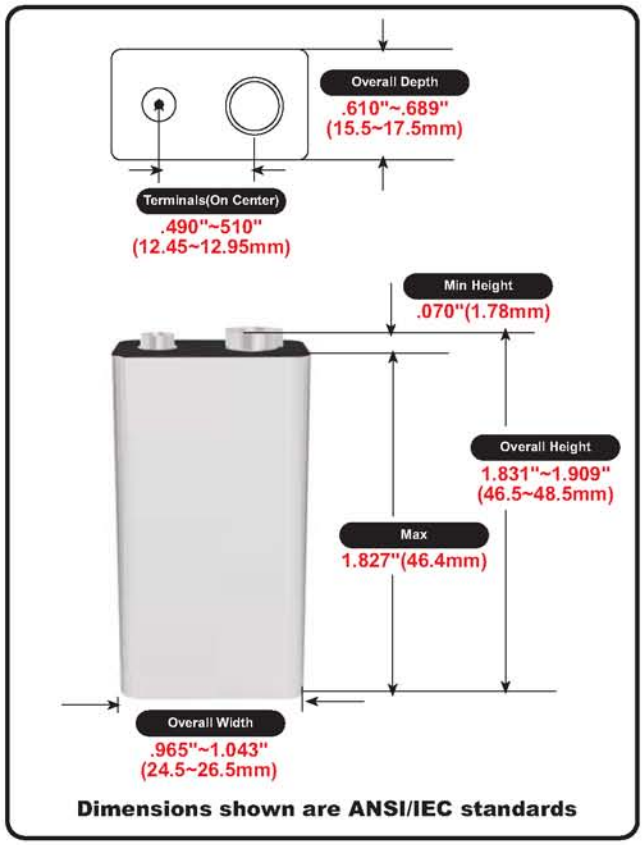
Technical Specification For Alkaline

6LR61-9V size



System	Primary Alkaline
ANSI/NEDA No	1604A(9V)
IEC No	6LR61
JIS	6AM6
Appr. Weight	46 gm (1.62 oz)
Appr. Volume	19.7 cm^3 (1.2 in^3)
Environmental	Mercury(weight%)≤1 ppm
Shelf life	5 years
Nominal Voltage	9.0V
Open Circuit Voltage	9.4-9.6V
Short Circuit current	

Typical Service Output:

(Conditions: Test temp. 20±2℃, tested within 30 days after delivery.)

Performance				Mini Average Duration at 20℃ (hours)	
Application	Load (ohms)	Duty Circle	Cut off Voltage(V)	Initial	After 12 months storage
Radio	620	24h/d	5.4	46	41.4
Calculator	270	24h/d	5.4	18	16.2
Cassette	180	24h/d	4.8	12.3	11.1

(SHEET 1)

Satisfaction Standard: 9pieces of battery will be tested for each discharging standard.
The result of the average discharging time from each discharging standard shall be equal to or more than the average time requirement.

Leakage Resistance Performance:

Item	Condition	Characteristic
Over-discharge Characteristics	Keep discharging the battery at the conditions indicated in SHEET 1, until the voltage drops to 40% of the initial voltage.	There shall be no deformation exceeding the specified dimensions,nor electrolyte leakage recognized by human eye.
High temperature Storage characteristics	Temp. 60±2℃, Relative Humidity:50±15% Stored for 15 Days	

BATTERY DISCHARGE REPORT

S/C NO.: **RD/0604/065**

Instrument: The Battery Automatic Discharge Measure System(DM-100)

Station:	1 Tank,8 Board, 3 Te.	**Condition:**	20±2 ,RH 45 75%
Name:	CONRAD BRAND	**Load Resistance:**	180Ohm
Type:	6LR61 9V	**Discharge Pattern:**	24h/d
Made Date:	MAY.11,2006	**End-Point Voltage:**	4.8V
Start Date:	MAY.16,2006	**Mini Duration Grarantee:**	740 minutes
Last Date:	MAY.16,2006	**Uniform Rate:**	94,50%
Print Date:	MAY.17,2006		

Cell No.	1	2	3	4	5	6	7	8	9	Max	Min	Average
OCV(V)	9,760	9,760	9,760	9,760	9,760	--	--	--	--	9,76	9,76	9,76
FCV(V)	9,410	9,410	9,410	9,410	9,410	--	--	--	--	9,410	9,410	9,410
CAP.(mAh)	559,7	539,6	557,3	547,7	566,5	--	--	--	--	566,5	539,6	554,2
The Special Designated Voltage Duration (Min)												
10,80	--	--	--	--	--	--	--	--	--	-	-	-
10,20	--	--	--	--	--	--	--	--	--	-	-	-
9,60	--	--	--	--	--	--	--	--	--	-	-	-
9,0	16,1	15,8	16,1	16,2	16,3	--	--	--	--	16,3	15,8	16,1
8,4	69,4	68,8	69,8	70,0	69,7	--	--	--	--	70,0	68,8	69,5
7,8	193,8	194,1	197,5	196,5	195,3	--	--	--	--	197,5	193,8	195,4
7,2	427,3	431,3	437,9	437,8	431,5	--	--	--	--	437,9	427,3	433,2
6,6	677,7	673,7	686,0	680,8	683,5	--	--	--	--	686,0	673,7	680,3
6,0	783,8	773,2	788,7	781,2	789,5	--	--	--	--	789,5	773,2	783,3
5,4	828,1	794,9	823,1	807,4	838,7	--	--	--	--	838,7	794,9	818,5