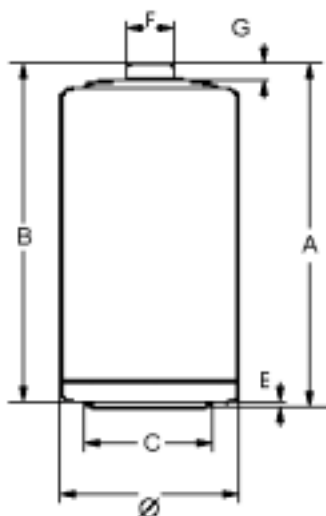


Type Designation	4014
Designation IEC	LR14
System	Zn-MnO ₂ (Alkaline)
Shelf Life (Coding)*	5 years
Nominal Voltage [V]	1.5
Typical Capacity C [mAh]	7800 (discharge with high-resistance)
Permissible Temperature Range	- 10 °C ... 50 °C
Weight, approx. [g]	61
Volume [ccm]	26.5


Dimensions [mm]

min: max:

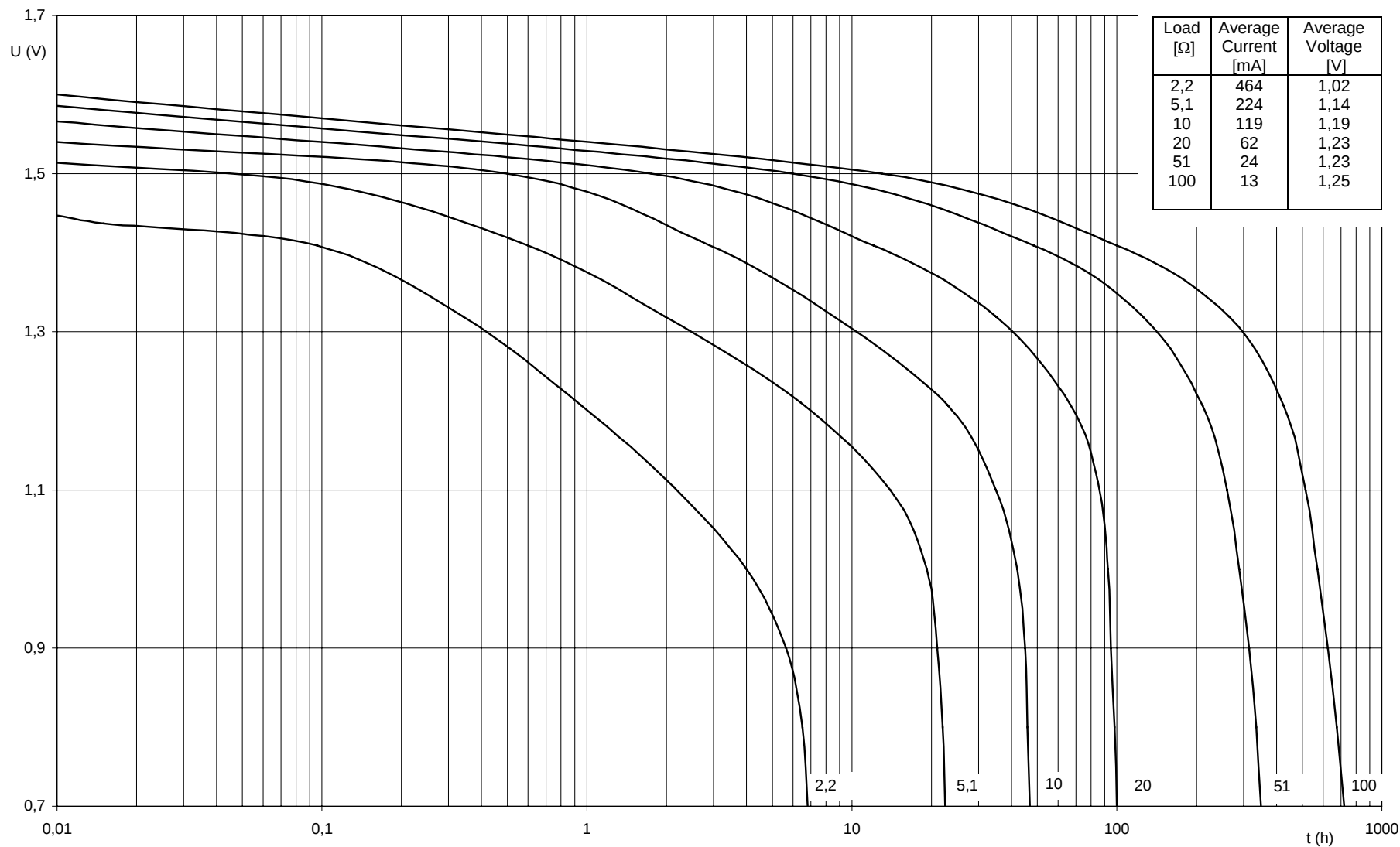
Ø	24.9	26.2
A	-	50.0
B	48.6	-
C	13.0	-
E	-	0.9
F	-	7.5
G	1.5	-

Typical Capacities (at 20°C)

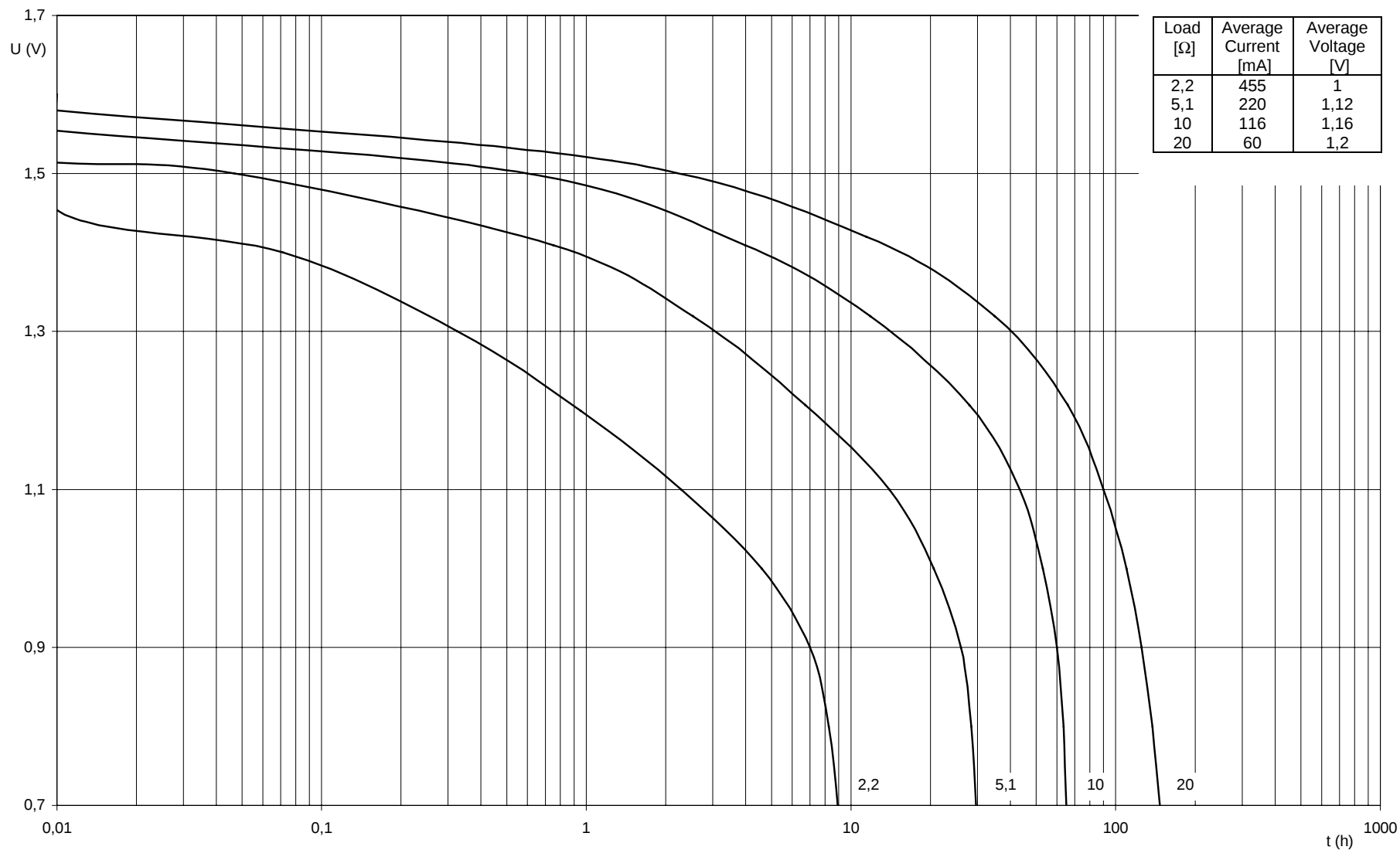
Discharge Type	Load	End Voltage[V]	1.0	0.9
Portable Lighting	3.9 Ω	Time [m]	1000.00	1200.00
4m/h, 8h/d, 7d/w		Capacity [Ah]	5.16	6.00
		Energy [Wh]	6.26	7.12
Discharge Type	Load	End Voltage[V]	0.9	0.8
Toys	3.9 Ω	Time [h]	18.50	21.00
1h/d, 7d/w		Capacity [Ah]	5.37	5.89
		Energy [Wh]	6.13	6.58
Discharge Type	Load	End Voltage[V]	1.0	0.9
Tape Recorders	6.8 Ω	Time [h]	32.00	36.00
1h/d, 7d/w		Capacity [Ah]	5.71	6.23
		Energy [Wh]	6.91	7.42
Discharge Type	Load	End Voltage[V]	1.0	0.9
Transistor Radios	20 Ω	Time [h]	105.00	118.00
4h/d, 7d/w		Capacity [Ah]	6.58	7.19
		Energy [Wh]	8.34	8.93

* In consideration of typical loss of capacity at storage and application.

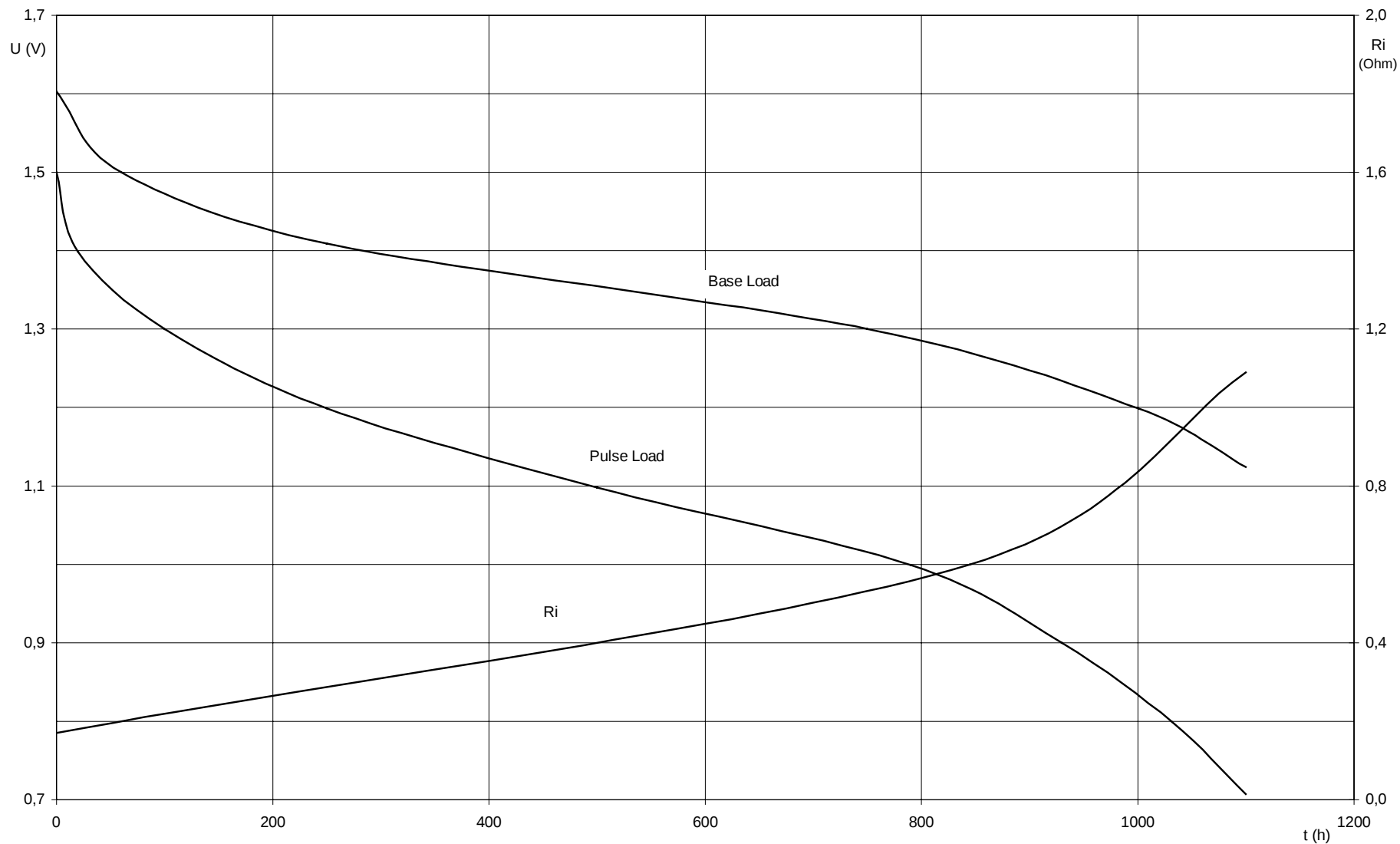
Continuous 24h/d



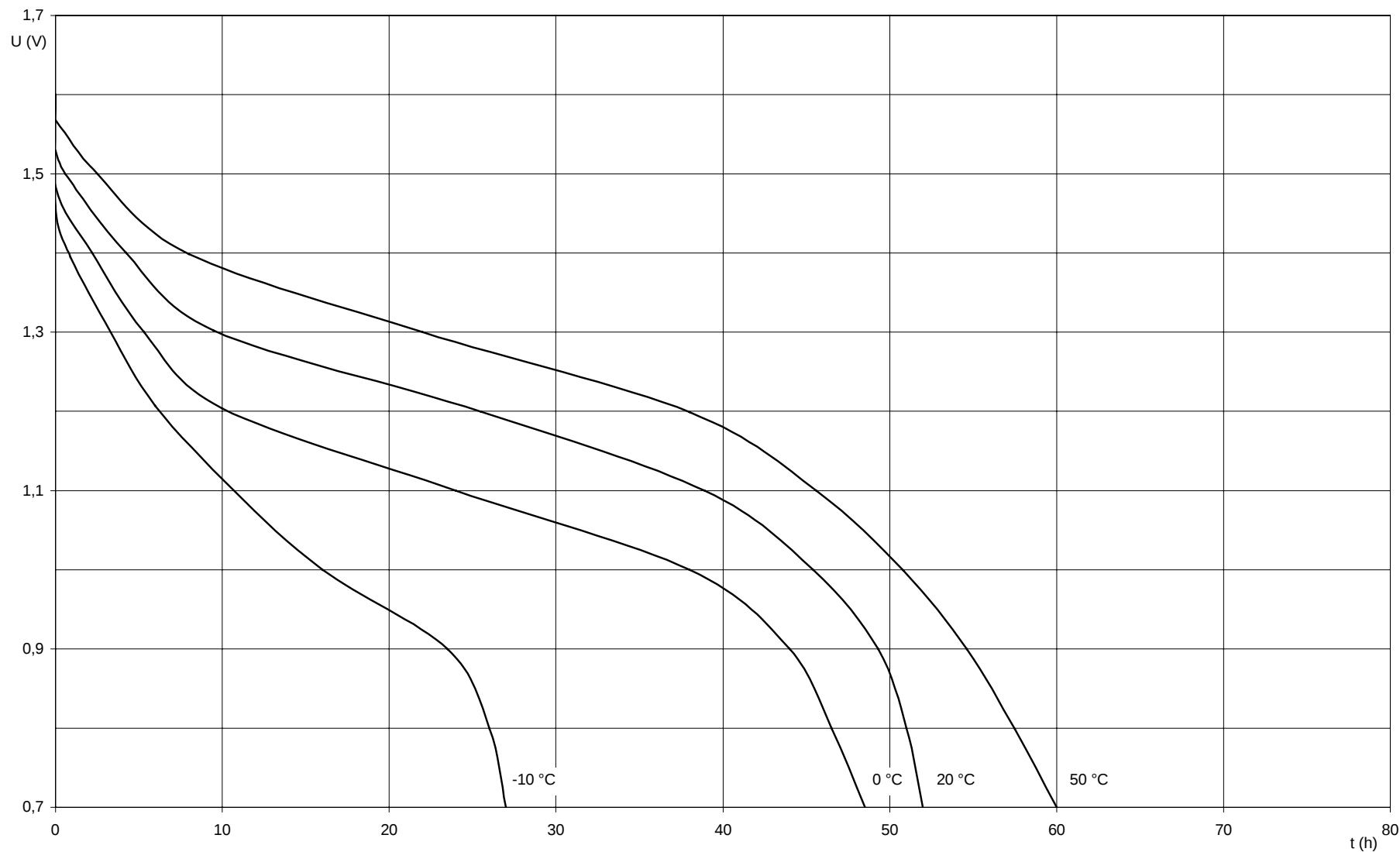
Discontinuous 2h/d



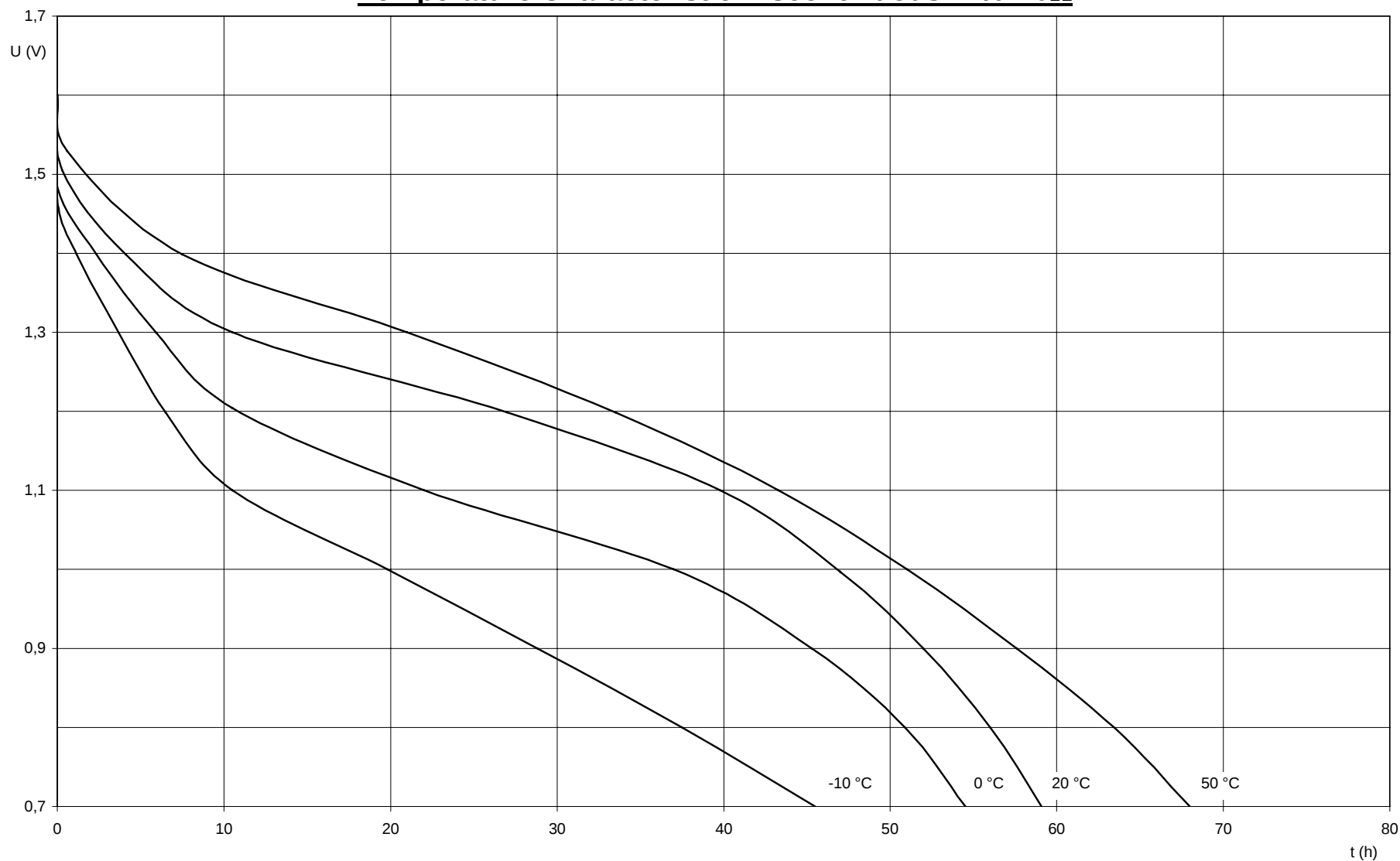
Internal Resistance at Continuous 225 Ω , 1s/1h 2 Ω



Temperature Characteristic Continuous 10Ω



Temperature Characteristic Discontinuous 4h/d 10Ω



Short Circuit (Current and Temp. versus Time)

