

QUIM Specification Q-1275

model	Q-1275
Rated volatage	12V
Housing material	ABS
Type of battery	AGM Deep cycle power battery
Shell color	maroon



Specifications and parameters

model	Rated voltage (V)	Number of cells	Terminal type	sizes (mm)				Reference weight (kg)
				length	weidth	height	Total height	
Q-1275	12	6	M8*25	330	180	245	250	41

Discharge performance parameter

model	Discharge time (min)		Battery capacity (Ah)				100hr stored power (kWh)
	25A	75A	3hr	5hr	10hr	20hr	
Q-1275	330	90	120	135	145	155	2.00

Charging parameteres (Charging parameters based on 25°C environment)

System voltage	12V	24V	36V	48V	Temperature compensation coefficient
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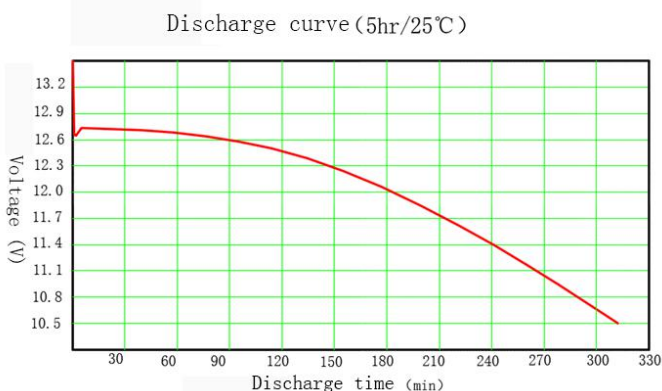
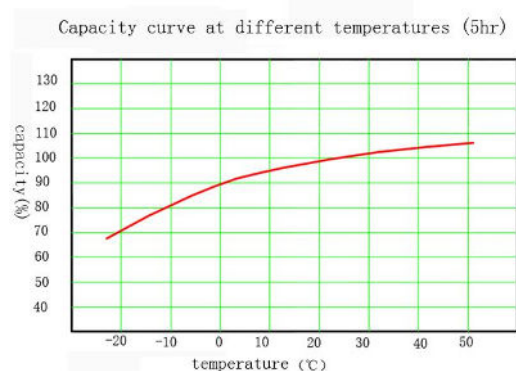
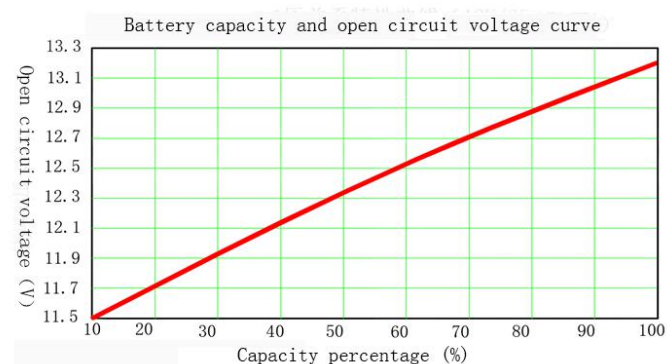
Constant voltage （V）	14.8	29.6	44.4	59.2	With 25℃ as the reference temperature, the voltage adjustment coefficient is $\pm 3\text{mv} / (\text{℃} \cdot 2\text{V})$; (the charging voltage decreases when the temperature increases, and rises when the temperature is reversed)
Floating voltage （V）	13.8	27.6	41.4	55.2	
Standard charging voltage （A）	20				

Discharge current characteristics at different rates (discharge characteristics at 25 ° C) / (A)

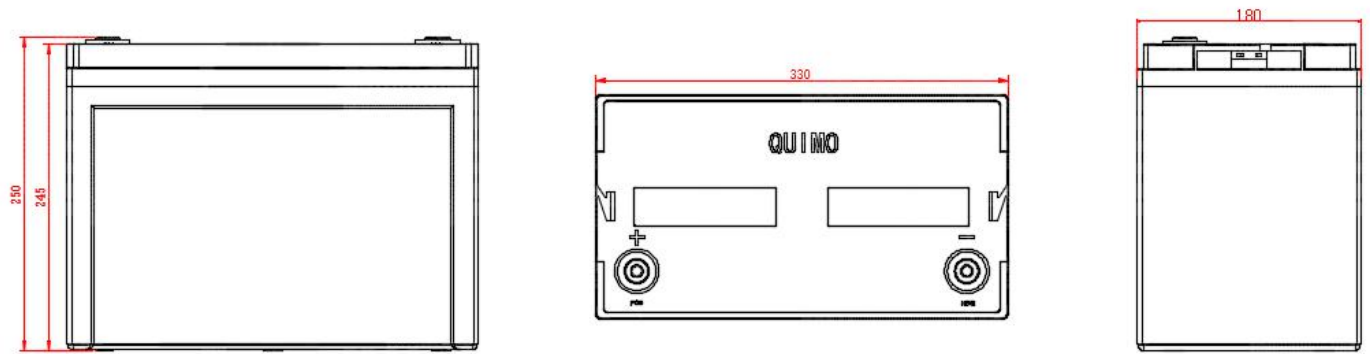
Cut-off voltage (V) / time	30MIN	60MIN	90MIN	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60	174.73	104.23	75.75	58.83	40.40	32.44	27.27	17.81	14.65	7.83
1.65	174.04	103.82	75.45	58.60	40.24	32.31	27.16	17.74	14.59	7.80
1.70	173.52	103.51	75.23	58.42	40.12	32.22	27.08	17.68	14.54	7.77
1.75	173.00	103.20	75.00	58.25	40.00	32.12	27.00	17.63	14.50	7.75
1.80	172.14	102.68	74.63	57.96	39.80	31.96	26.87	17.54	14.43	7.71
1.85	171.62	102.37	74.40	57.78	39.68	31.86	26.78	17.49	14.38	7.69

Discharge at different rates to 1.75V / cell capacity (discharge characteristics at 25 ° C) / (Ah)

Discharge rate	0.50	1.00	1.50	2.00	3.00	4.00	5.00	8.00	10.00	20.00
capacity(Ah)	86.50	103.20	112.50	116.50	120.00	128.50	135.00	141.00	145.00	155.00



Battery outline design



Quimo Battery reserves the right to make adjustments to this publication at any time without notice or liability.