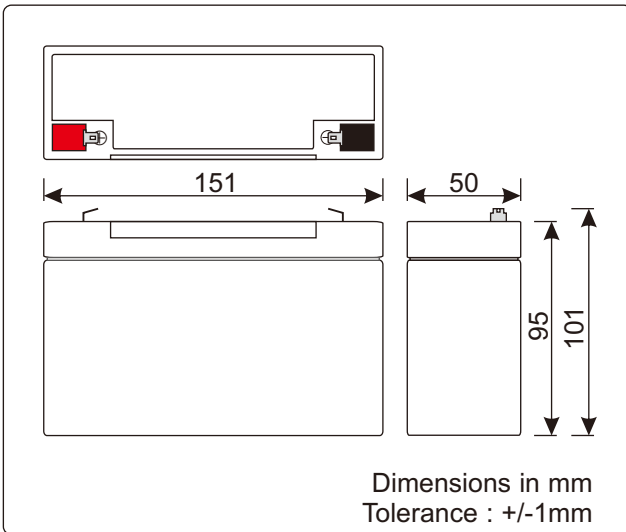


# SEALED LEAD ACID RECHARGEABLE BATTERY

## QP6-12

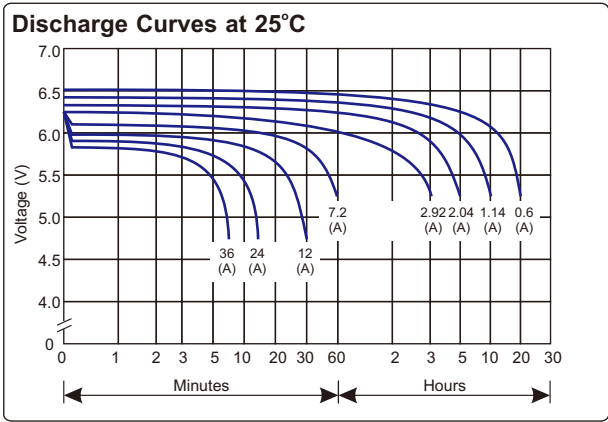
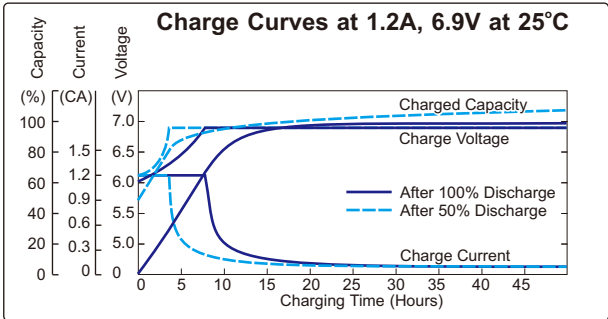


Nominal Voltage : 6 V  
 Nominal Capacity : 12AH (20 hour rate)  
 Dimensions : 151x50x94(100)mm (LxWxH)  
 Terminal : 0.8x4.75x6.5mm Faston  
 Container : ABS (UL94HB)

**Capacity**  
 20 hour rate (0.60A) : 12.0Ah  
 10 hour rate (1.14A) : 11.4Ah  
 5 hour rate (2.04A) : 10.2Ah  
 1 hour rate (7.20A) : 7.2Ah  
 40°C : 105%  
 25°C : 100%  
 0°C : 85%

**Internal Resistance** : 20mΩ at fully charge

**Constant Voltage Charging**  
 Cycle Use at 25°C : Voltage 7.20-7.50V  
 : Initial current < 3.6A  
 : Temp. Coeff. -15mV/°C  
 Float Use at 25°C : Voltage 6.75-6.90V  
 : Temp. Coeff. -10mV/°C



**Discharge Data (Ampere/battery) at 25°C**

Discharge Time		5 min	10 min	15 min	30 min	1 hr	3 hr	5 hr	10 hr	20 hr
End Voltage	5.55V	36.0	25.2	16.8	12.0	6.10	2.75	1.87	1.05	0.57
	5.40V	38.0	26.6	18.0	12.4	6.32	2.90	1.95	1.07	0.59
	5.25V	40.9	28.1	19.2	12.7	6.54	2.95	2.04	1.10	0.60
	5.10V	43.2	29.5	20.5	13.1	6.76	3.00	2.06	1.10	0.61
	4.8V	48.0	32.4	22.8	13.8	7.20	3.09	2.11	1.13	0.62

**Discharge Data (Watt/battery) at 25°C**

Discharge Time		5 min	10 min	15 min	30 min	1 hr	3 hr	5 hr	10 hr	20 hr
End Voltage	5.55V	214	150	100	71	6.10	16.4	11.1	6.1	3.38
	5.40V	221	155	105	72	6.32	16.9	11.4	6.3	3.40
	5.25V	231	159	109	72	6.54	17.1	11.9	6.4	3.48
	5.10V	240	164	114	73	6.76	17.4	12.0	6.5	3.50
	4.8V	255	172	121	73	7.20	17.9	12.2	6.6	3.60

Information is for references only.

Model : QP6-12  
 Version : 3.0

**WELL LINK**  
 INDUSTRIAL LIMITED

**9C17RBA**