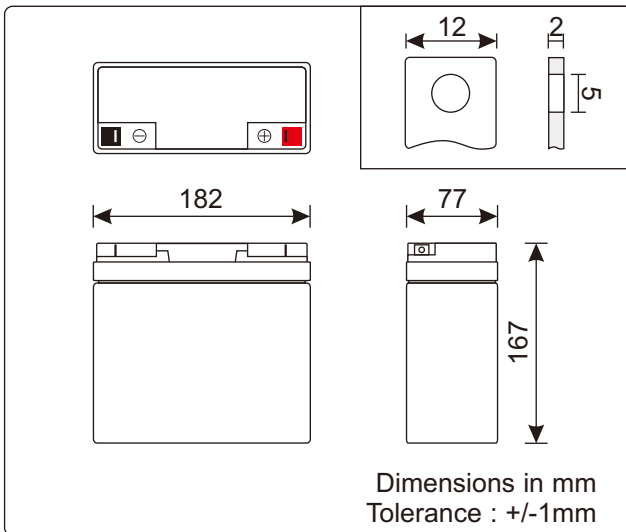


SEALED LEAD ACID RECHARGEABLE BATTERY

QP12V18

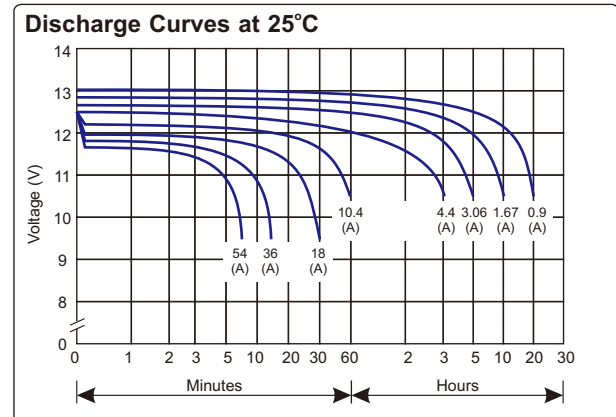
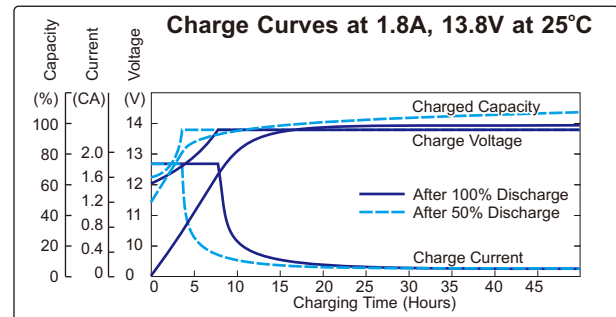


Nominal Voltage : 12 V
 Nominal Capacity : 18AH (20 hour rate)
 Dimensions : 182x77x167mm (LxWxH)
 Terminal : 12x2mm Bolt Type: M5
 Container : ABS (UL94HB)
 Approx. Weight : 5.3Kg

Capacity
 20 hour rate (10.5V) : 18.0Ah
 10 hour rate (10.5V) : 16.7Ah
 5 hour rate (10.2V) : 15.3Ah
 1 hour rate (10.2V) : 10.4Ah
 40°C : 105%
 25°C : 100%
 0°C : 85%

Internal Resistance : 30mΩ at fully charge

Constant Voltage Charging
 Cycle Use at 25°C : Voltage 14.4-15.0V
 : Initial current < 5.4A
 : Temp. Coeff. -30mV/°C
 Float Use at 25°C : Voltage 13.5-13.8V
 : Temp. Coeff. -20mV/°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	11.10V	54.00	37.80	25.20	18.00	9.15	4.13	2.80	1.58	0.86
	10.80V	57.00	39.90	27.00	18.83	9.48	4.35	2.93	1.61	0.88
	10.50V	61.28	42.12	28.80	19.05	9.81	4.42	3.00	1.67	0.90
	10.20V	64.80	44.25	30.75	19.65	10.40	4.50	3.06	1.68	0.91
	9.60V	72.00	48.60	34.20	20.70	10.80	4.64	3.10	1.70	0.93

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	11.10V	642.7	449.2	299.3	213.8	108.8	49.13	33.30	18.37	10.13
	10.80V	663.0	463.5	314.2	215.2	110.3	50.63	34.05	18.75	10.20
	10.50V	694.5	477.0	326.3	216.0	113.5	51.22	35.63	19.20	10.43
	10.20V	719.2	490.5	341.2	218.3	117.0	52.12	35.85	19.35	10.50
	9.60V	764.2	516.0	363.0	219.7	124.5	53.63	36.53	19.72	10.80

Information is for references only.

Model : QP12V18
 Version : 3.0

WELL LINK
 INDUSTRIAL LIMITED

D910K29