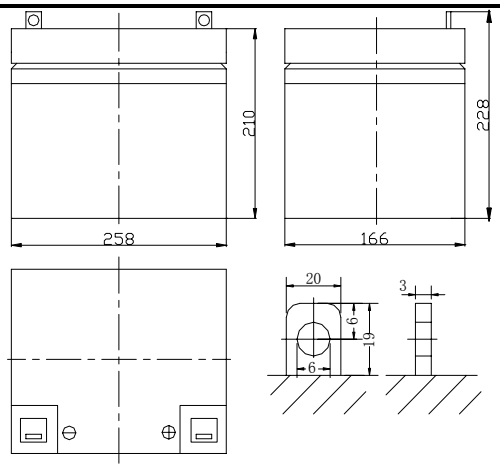
POWER KINGDOM Sealed Lead-Acid Batteries

PK70-12（12V70Ah）





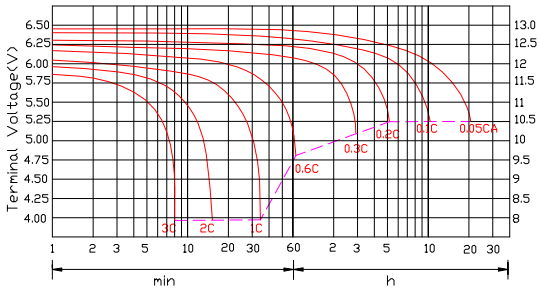
● Specifications

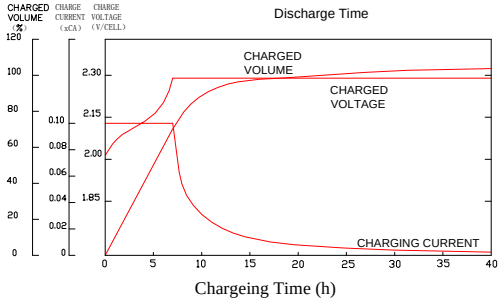
Nominal Voltage		**12V**
Rated Capacity		**70Ah**
Dimensions	**Total Height**	**8.98 inches (228mm)**
	Height	**8.27 inches (210mm)**
	Length	**10.2 inches (258mm)**
	Width	**6.54 inches (166mm)**
Approximate Weight		**49.8 lbs. (22.6kg)**

● Characteristic

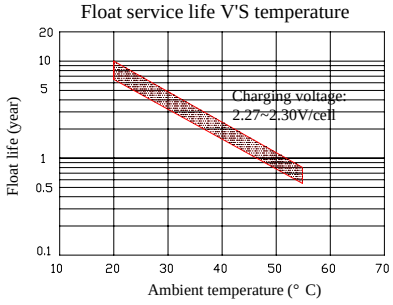
Capacity 77⁰F(25⁰C)	**20h rate**	**73.5 Ah**
	10h rate	**70.0Ah**
	5h rate	**59.5Ah**
	1h rate	**42.0Ah**
	15 min rate	**29.4Ah**
Internal Resistance	**Full Charged Battery 77⁰F(25⁰C)**	**Approx. 5.5mΩ**
Capacity Affected by Temperature (20h rate)	**104⁰F(40⁰C)**	**102%**
	77⁰F(25⁰C)	**100%**
	32⁰F(0⁰C)	**85%**
	5⁰F(-15⁰C)	**65%**
Self-Discharge 68⁰F(20⁰C) (Capacity after)	**3 month storage**	**90%**
	6 month storage	**80%**
	12 month storage	**60%**
Max. Discharge Current 77⁰F(25⁰C)	**700A(5s)**	
Terminal	**T5/T12**	
Charge (Constant Voltage,25⁰C)	**Cycle**	**14.4~14.7V(-24mV/⁰C) max. current:21 A**
	Float	**13.6~13.8V(-18mV/⁰C)**

DISCHARGE CHARACTERISTICS AT 25° C(77° F)





Float service life V'S temperature



Constant Current Discharge Characteristics (A,25℃)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	214	143	113	71.3	44.1	18.1	12.8	7.11	3.73
10.2V	203	135	109	68.5	42.3	17.9	12.6	7.04	3.70
10.5V	191	127	103	65.1	40.2	17.5	12.3	7.00	3.68

Constant Wattage Discharge Characteristics (Watt,25℃)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	2246	1540	1243	800	503	213	151	84.8	44.8
10.2V	2134	1463	1193	768	483	210	149	84.1	44.4
10.5V	2005	1375	1133	730	458	206	146	84.1	44.1