

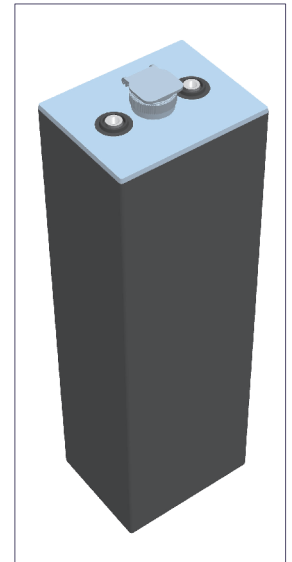
# 7PzB 294

(2V294Ah/5HR)



## Specification

Voltage Per Unit	2V(single cell)
Capacity	294Ah@5hr-rate to 1.70V per cell @25°C
Weight	Approx. without electrolyte 14.5 Kg Approx. including electrolyte 18.0 Kg
High Rate Discharge Current	294 A
Operating Temperature Range	Discharge: -40°C~60°C Charge: -20°C~50°C Storage: -40°C~60°C
Optimal Operating Temperature Range	25°C ± 5°C
Maximum Charging Current	44.1 A
Cycle charged	2.65 to 2.85 VDC/unit Average at 25°C
Self Discharge	Self-discharge ratio less than 5% per month at 25°C. Please charge batteries before using.
Terminal	D2(M10 Copper Terminals) & D4(Lead Terminals)
Dimensions (L×W×H×TH)	125mm×158mm×328mm×358mm(Total High)



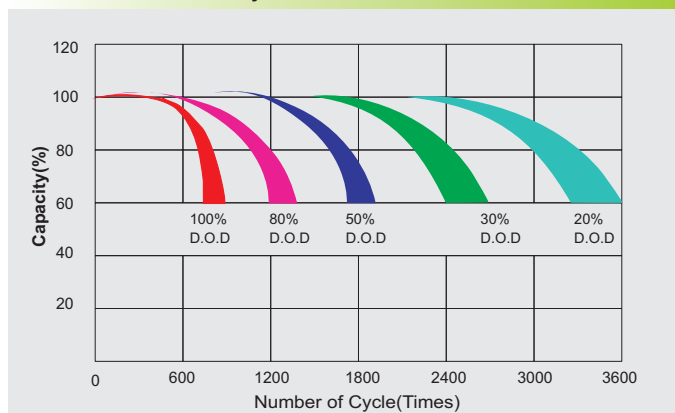
## Constant Current Discharge Characteristics : A(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	278.5	195.0	113.0	84.6	69.0	61.9	53.7	41.8	34.5
1.65V	272.1	190.6	110.4	82.7	67.5	60.5	52.4	40.8	33.7
1.70V	264.5	185.2	107.3	80.4	65.6	58.8	51.0	39.7	32.8
1.75V	254.4	178.1	103.2	77.3	63.0	56.5	49.0	38.2	31.5
1.80V	242.9	170.1	98.5	73.8	60.2	54.0	46.8	36.4	30.1
1.85V	230.1	161.2	93.4	69.9	57.1	51.2	44.3	34.5	28.5

## Constant Power Discharge Characteristics : W(25°C)

F.V/Time	30MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR
1.60V	520.9	375.6	221.9	167.8	137.1	123.1	106.7	83.2	68.7
1.65V	511.5	367.8	217.4	164.7	134.5	120.7	104.6	81.5	67.4
1.70V	503.0	358.1	211.6	160.6	131.0	117.6	101.9	79.4	65.6
1.75V	484.1	344.4	203.5	154.4	126.0	113.1	98.0	76.3	63.0
1.80V	462.7	330.7	195.4	147.5	120.4	108.0	93.6	72.9	60.2
1.85V	440.9	315.7	186.6	139.9	114.1	102.3	88.7	69.1	57.1

### Life characteristics of cyclic use



### Charge characteristic Curve for cycle use

