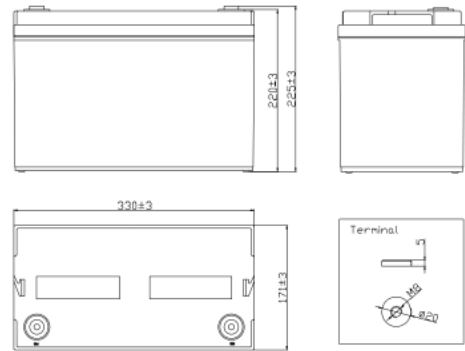


PQ6EVF100 (12V 100Ah)

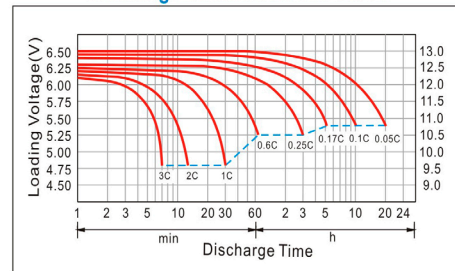


Unit: mm

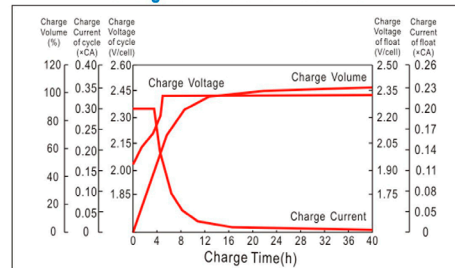
Specifications		PQ6EVF100
Nominal Voltage		12V
Rated Capacity 77°F(25°C) (3HR)		100Ah
Dimensions (mm)	Length	330 ± 3
	Width	171 ± 3
	Height	220 ± 3
	Total Height	225 ± 3
Approx. Weight (kg)		32
Terminal		T15

Characteristics		
Capacity 77° (25°C)	10HR (11.5A)	115.0Ah
	5HR (22.0A)	110.0Ah
	3HR (33.3A)	100.0Ah
	2HR (46.0A)	92.0Ah
	1HR (87.0A)	87.0Ah
	30 min rate (150.0A)	75.0Ah
	15 min rate (248.0A)	62.0Ah
Internal Resistance	Fully charged battery 77°F(25°C)	Approx. 4 mΩ
Temperature dependence of capacity (3HR)	104°F(40°C)	102%
	77°F(25°C)	100%
	32°F(0°C)	85%
	5°F(-15°C)	65%
Self-discharge 77°F(25°C) (Capacity After)	3 months	90%
	6 months	80%
	12 months	60%

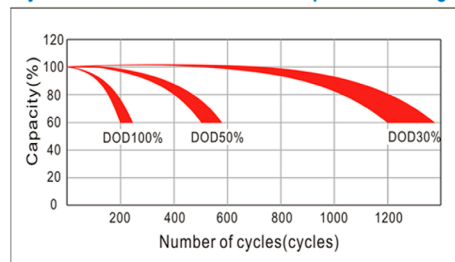
Discharge Characteristics Curve



Charge Characteristics Curve



Cycle service life in relation to depth of discharge



Constant Current Discharge Characteristics (A), (25°C)									
F.V/TIME	10min	15min	30min	60min	2H	3H	5H	10H	
1.60V/cell	300.0	248.0	150.0	87.0	45.93	33.97	22.83	11.99	
1.70V/cell	285.0	240.1	145.2	85.13	45.00	33.30	22.41	11.82	
1.75V/cell	267.3	232.1	140.4	83.62	44.15	32.69	22.00	11.67	
1.80V/cell	246.9	227.6	137.7	82.24	43.39	32.10	21.62	11.50	

Constant Wattage Discharge Characteristics (W/cell), (25°C)									
F.V/TIME	10min	15min	30min	60min	2H	3H	5H	10H	
1.60V/cell	545.0	454.7	276.3	160.95	85.74	63.98	43.38	23.38	
1.70V/cell	522.5	444.2	269.8	158.91	84.75	63.27	42.95	23.25	
1.75V/cell	494.5	433.3	263.3	157.48	83.88	62.56	42.53	23.15	
1.80V/cell	460.9	428.6	260.5	156.26	83.16	62.06	42.16	23.00	