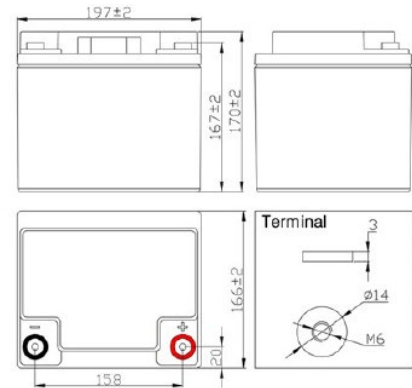
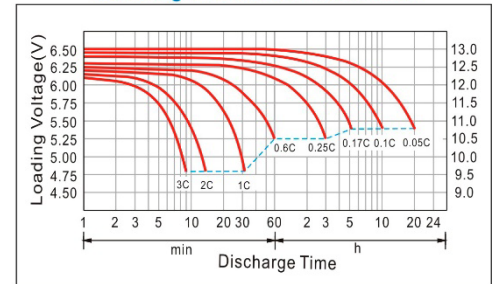


# PQH1240ST11 (12V 930W)



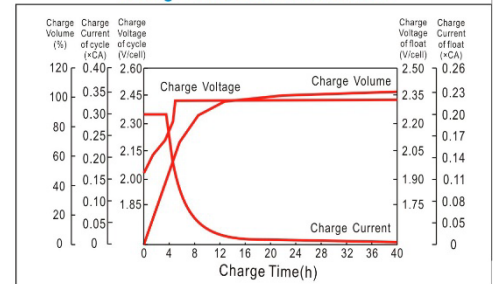
Specifications		PQH1240ST11
Nominal Voltage		12V
Rated Power (25°C) 15min-rate		930W
Dimensions (mm)	Length	197
	Width	166
	Height	170
	Total Height	170
Approx. Weight (kg)		13.8 kg
Terminal		T11

**Discharge Characteristics Curve**

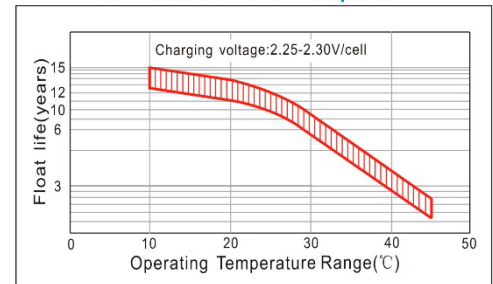


Characteristics		
Capacity (25°C)	10HR (4.545A)	45.4Ah
	5HR (7.781A)	38.9Ah
	1.5HR (19.62A)	29.4Ah
	1HR (28.49A)	28.4Ah
	15min-rate (83.41A)	20.8Ah
Impedance	Fully charged battery (25°C)	Approx. 8.0mΩ
	Temperature dependence of capacity (20HR)	
	40°C	107%
	25°C	100%
	0°C	76%
	-15°C	56%
Self-discharge (20°C) (remaining capacity)	3 months	90%
	6 months	80%
	12 months	60%
Max. discharge current (25°C)		320A(5s)
Service life acc. to EUROBAT (25°C)		6-9 years
Constant voltage charge (25°C)	Cycle	14.4~14.7V(-24mV/°C) max. current: 0.3CA
	Float	13.5~13.8V(-18mV/°C) max. current: 0.2CA

**Charge Characteristics Curve**



**Float Service Life VS Temperature**



Constant Current Discharge Characteristics (A), (25°C)											
FV/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	151.4	124.2	112.2	85.93	66.12	50.63	29.25	21.09	12.10	8.114	4.725
1.67V/cell	147.3	120.6	108.4	83.41	63.40	49.95	29.03	20.54	12.02	8.069	4.680
1.70V/cell	142.6	117.0	104.6	80.85	60.60	49.28	28.85	20.00	11.95	8.019	4.635
1.75V/cell	128.1	111.4	96.20	76.89	57.68	47.93	28.49	19.62	11.81	7.898	4.590
1.80V/cell	115.6	106.2	86.52	73.61	55.84	46.08	27.90	19.29	11.59	7.781	4.545

Constant Wattage Discharge Characteristics (W/cell), (25°C)											
FV/TIME	5min	8min	10min	15min	20min	30min	60min	1.5H	3H	5H	10H
1.60V/cell	266.1	220.4	206.7	158.3	121.8	94.50	56.06	39.36	23.99	16.13	9.411
1.67V/cell	261.4	216.1	201.5	155.0	117.8	93.66	55.87	38.59	23.89	16.07	9.337
1.70V/cell	255.6	211.6	196.1	151.6	113.6	92.80	55.53	37.83	23.76	15.98	9.255
1.75V/cell	231.6	203.3	182.0	145.5	109.1	91.06	55.07	37.61	23.55	15.78	9.180
1.80V/cell	211.0	195.5	165.1	140.5	106.6	88.32	54.17	37.29	23.16	15.56	9.090