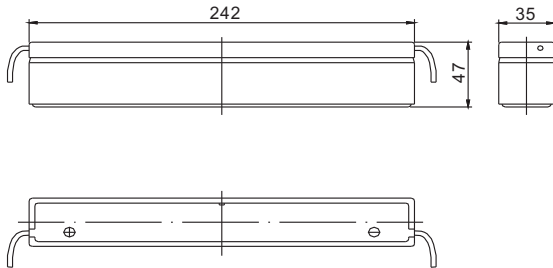


Standard Series FP649 6V4.9Ah

FirstPower®

Dimension(mm)



Plug
Terminal



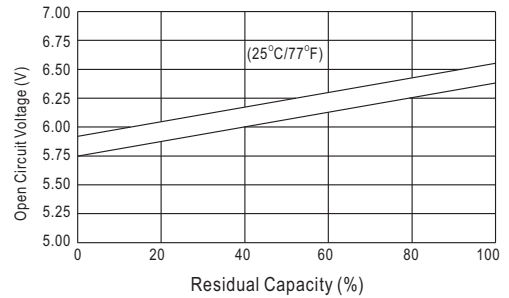
Specification

Nominal Voltage		6 V
Capacity(20HR, 25°C)		4.9 Ah
Dimension	Length	242mm (9.53inch)
	Width	35mm (1.38inch)
	Height	47mm 1.85inch)
	Total Height	47mm (1.85inch)
Approx. Weight		0.90kg (1.98lbs)

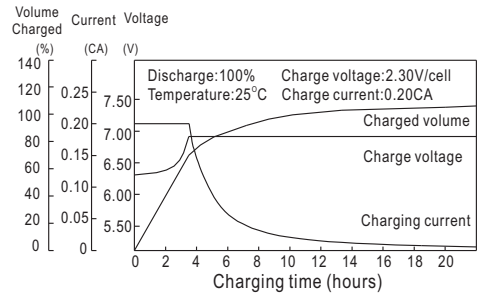
Characteristics

Capacity 20°C (68□) To 1.70V/Cell	20 hour rate	4.9Ah
	10 hour rate	4.4Ah
	5 hour rate	4.1Ah
	1 hour rate	3.07Ah
	15 min rate	/
Internal resistance(Fully charged, 25°C)		Approx. 35mΩ
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C ±3°C(77°F ±5°F)
Operating temperature range		-15°C~50°C(5°F~122°F)
Float charging voltage(25°C)		6.80 to 6.90V
Cyclic charging voltage(25°C)		7.25 to 7.45V
Maximum charging current		1.47A
Terminal material		Plug
Maximum discharge current		20A(5 Sec.)

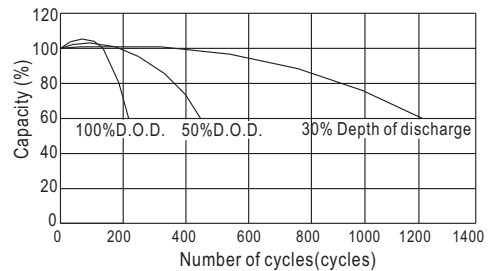
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



Charging Characteristics(25°C)



Cycle Life(25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
4.80V	--	--	--	5.64	3.20	1.20	0.83	0.45	0.245
5.10V	--	--	--	5.41	3.07	1.18	0.82	0.44	0.245
5.40V	--	--	--	5.14	2.92	1.15	0.80	0.44	0.245

Constant Power Discharge Characteristics (Watt, 25°C)

5min	10min	15min	30min	60min	3h	5h	10h	20h
--	--	--	32.3	18.5	7.13	4.96	2.68	1.46
--	--	--	31.0	7.18	7.01	4.90	2.66	1.45
--	--	--	29.5	16.9	6.83	4.78	2.66	1.44