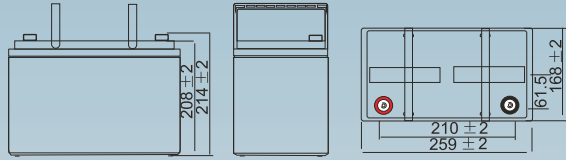


PSX Series

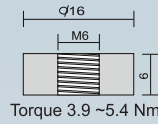
Designed for UPS Applications
(VRLA 10yr Design Life at 20°C)

Dimensions (mm)



Standard terminal (mm)

T6 Threaded Insert 6mm Stud



Torque 3.9 ~5.4 Nm



Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		80 AH
Dimension	Length	259 ± 2 mm
	Width	168 ± 2 mm
	Container Height	208 ± 2 mm
	Total Height (with terminal)	214 ± 2 mm
Weight		Approx 21.0kg
Standard Terminal		T6

PSX12-80 12V 80AH



Discharge Characteristics (25°C, 77°F)

Power Rating	3hr to(1.67V/cell)	220.02 Watts	Constant Voltage Charge	Standby	Recommended Charge Current less than 20.0A Voltage 13.5V ~ 13.8V at 25°C (77°F)
	1hr to(1.67V/cell)	507.48 Watts			
	15min to(1.67V/cell)	1383.66 Watts			
Capacity Affected by Temperature	40°C (104°F)	103%	Constant Voltage Charge	Standby	Recommended Charge Current less than 20.0A Voltage 13.5V ~ 13.8V at 25°C (77°F)
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

Approx 6.6 mΩ

Constant Current Discharge Characteristics Unit: Amperes (25°C, 77°F)

F.V(V/cell)	15min	1H	3H
1.85	89.10	36.86	16.68
1.80	104.53	40.16	17.46
1.75	114.13	42.00	17.75
1.70	121.94	43.26	18.24
1.67	129.66	44.72	19.01
1.60	138.59	46.37	19.59

Constant Power Discharge Characteristics Unit: W atts / Cell (25°C, 77°F)

F.V(V/cell)	15min	1H	3H
1.85	166.26	71.20	32.69
1.80	192.41	77.02	33.95
1.75	207.56	80.12	34.44
1.70	218.57	82.45	35.31
1.67	230.61	84.58	36.67
1.60	242.56	87.11	37.64

