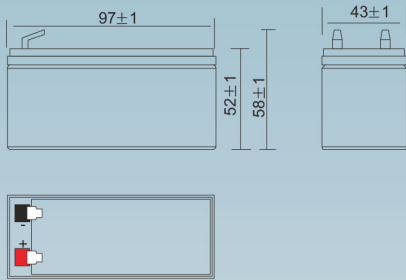
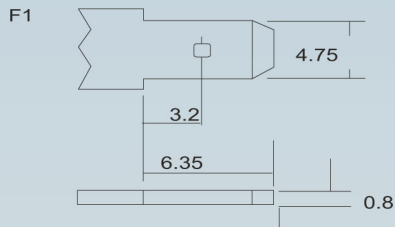


PS Range (VRLA 5yr Life)

Dimensions (mm)



Standard terminal (mm)



Physical Specification

Nominal Voltage		12V
Nominal Capacity		1.2 AH
Dimension	Length	97 ± 2 mm
	Width	43 ± 2 mm
	Container Height	52 ± 2 mm
	Total Height (with terminal)	58 ± 2 mm
Weight		Approx 0.57kg
Standard Terminal		F1

PS-1212 12V 1.2AH



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate (60mA)	1.2AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 0.3A Voltage 14.40V ~ 15.0V at 25°C (77°F)
	10hr Rate (115mA)	1.15AH			
Capacity Affected by Temperature	8hr Rate (140mA)	1.12AH	Standby	Recommended Charge Current less than 0.3A Voltage 13.5V ~ 13.8V at 25°C (77°F)	
	5hr Rate (206mA)	1.03AH			
	1hr Rate (780mA)	0.78AH			
Capacity Affected by Temperature	40°C (104°F)	103%	Constant Voltage Charge	Standby	Recommended Charge Current less than 0.3A Voltage 13.5V ~ 13.8V at 25°C (77°F)
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistances m0hms

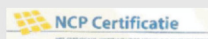
90.0 m0hms

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

F.V./Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR	24HR	48HR	72HR	100HR	
1.60V	4.63	3.15	2.33	1.90	1.38	0.960	0.780	0.450	0.338	0.271	0.222	0.189	0.145	0.121						
1.67V	3.99	2.81	2.11	1.75	1.28	0.909	0.740	0.430	0.322	0.258	0.211	0.182	0.143	0.118						
1.70V	3.81	2.69	2.05	1.68	1.24	0.899	0.730	0.420	0.315	0.254	0.209	0.181	0.142	0.117						
1.75V	3.46	2.46	1.92	1.60	1.19	0.864	0.710	0.400	0.306	0.248	0.206	0.177	0.140	0.116	0.061	0.053	0.0274	0.0190	0.0139	
1.80V	3.07	2.24	1.76	1.49	1.15	0.833	0.680	0.390	0.300	0.242	0.199	0.172	0.137	0.115	0.060	0.052	0.0267	0.0188	0.0138	
1.85V	2.29	1.75	1.45	1.26	0.97	0.716	0.600	0.360	0.279	0.227	0.185	0.161	0.130	0.108	0.059	0.051	0.0260	0.0185	0.0135	

Constant Power Discharge Characteristics Unit: Watts (25°C, 77°F)

F.V./Time	5MIN	10MIN	15MIN	20MIN	30MIN	45MIN	1HR	2HR	3HR	4HR	5HR	6HR	8HR	10HR	20HR	24HR	48HR	72HR	100HR
1.60V	46.1	32.1	24.5	20.4	15.1	10.70	8.81	5.08	3.87	3.13	2.57	2.19	1.70	1.42					
1.67V	41.0	29.5	22.6	19.1	14.2	10.20	8.47	4.89	3.71	2.99	2.46	2.13	1.68	1.40					
1.70V	39.3	28.3	22.0	18.4	13.8	10.10	8.33	4.83	3.64	2.95	2.44	2.11	1.67	1.38					
1.75V	36.7	26.6	20.9	17.6	13.3	9.79	8.10	4.66	3.54	2.88	2.41	2.07	1.65	1.37	0.718	0.629	0.335	0.230	0.169
1.80V	33.3	24.6	19.4	16.6	12.9	9.53	7.78	4.51	3.49	2.83	2.33	2.02	1.62	1.36	0.712	0.625	0.333	0.228	0.167
1.85V	25.1	19.4	16.3	14.2	11.1	8.26	7.01	4.16	3.26	2.66	2.18	1.90	1.53	1.29	0.706	0.618	0.329	0.225	0.165



Power-Sonic Europe Limited
3 Buckingham Square, Wickford, Essex, SS11 8YQ
Tel: +44 (0)1268 560686 Fax: +44 (0)1268 560902
sales@power-sonic.co.uk
www.power-sonic.co.uk