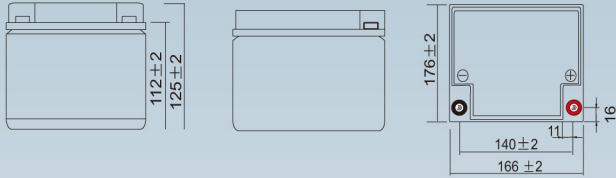


VO Series

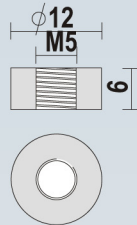
(10yr Design Life in Float Service at 20°C)

Dimensions (mm)



Standard terminal (mm)

T12 Threaded Insert 5mm STUD



Physical Specification

Nominal Voltage		12V
Nominal Capacity (20HR)		26 AH
Dimension	Length	166 ± 2 mm
	Width	176 + 2 mm
	Container Height	112 ± 2 mm
	Total Height (with terminal)	125 ± 2 mm
Weight		Approx 7.9kg
Standard Terminal		T12

PS-12260 12V 26AH



Discharge Characteristics (25°C, 77°F)

Rated Capacity	20hr Rate(1.80V/cell)	26.00AH	Constant Voltage Charge	Cycle	Initial Charging Current Less than 6.5A Voltage 14.40V ~ 15.0V at 25°C (77°F)
	10hr Rate(1.80V/cell)	24.20AH			
Capacity Affected by Temperature	8hr Rate(1.75V/cell)	24.24AH	Standby	Recommended Charge Current less than 6.5A Voltage 13.5V ~ 13.8V at 25°C (77°F)	
	5hr Rate(1.75V/cell)	22.10AH			
	1hr Rate(1.60V/cell)	16.30AH			
	40°C (104°F)	103%			
	25°C (77°F)	100%			
	0°C (32°F)	86%			

Internal Resistance mΩ

14.0 mΩ

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
1.85V/cell	49.5	38.0	31.5	27.2	21.1	15.5	13.1	7.73	6.05	4.92	4.01	3.48	2.81	2.35	1.29
1.80V/cell	66.5	48.6	38.1	32.2	24.8	18.0	14.6	8.44	6.51	5.25	4.31	3.73	2.98	2.42	1.30
1.75V/cell	74.9	53.4	41.6	34.6	25.8	18.7	15.3	8.75	6.63	5.37	4.42	3.84	3.03	2.48	1.31
1.70V/cell	82.5	58.2	44.4	36.4	26.8	19.5	15.8	8.97	6.81	5.51	4.53	3.92	3.07	2.53	1.34
1.65V/cell	91.0	62.8	47.2	38.7	28.3	20.0	16.2	9.10	7.11	5.70	4.66	4.00	3.12	2.58	1.35
1.60V/cell	100.4	68.2	50.5	41.2	29.9	20.8	16.3	9.49	7.32	5.88	4.81	4.09	3.15	2.61	1.36

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
1.85V/cell	543.00	421.20	352.80	307.80	240.60	178.80	151.20	90.00	70.80	57.72	47.22	41.04	33.24	27.84	15.30
1.80V/cell	721.20	532.20	420.60	358.80	279.60	206.40	168.60	97.80	75.60	61.20	50.40	43.86	35.16	28.68	15.42
1.75V/cell	796.20	575.40	453.60	382.20	288.00	212.40	175.80	100.80	76.80	62.40	51.60	44.94	35.70	29.40	15.54
1.70V/cell	852.00	612.60	477.60	398.40	298.20	219.60	180.60	103.20	78.60	64.20	52.80	45.78	36.18	29.94	15.84
1.65V/cell	926.40	655.20	504.00	420.60	312.00	223.20	183.60	104.40	81.60	66.00	54.06	46.62	36.66	30.54	16.02
1.60V/cell	998.40	695.40	529.80	442.80	327.00	231.60	184.20	108.00	84.00	67.80	55.62	47.52	36.90	30.84	16.08



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