

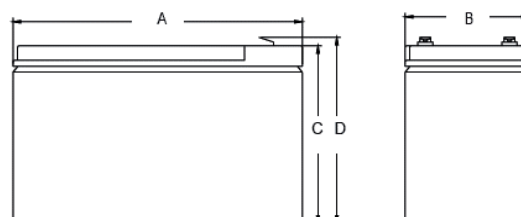


Rated voltage: 12 V **Capacity:** 7 Ah C₂₀ at 25°C to 1.75V per cell

- * Designed service life of 5 years
- * World-wide compatibility
- * Easy maintenance with low operation cost
- * Easy installing and parameters readings
- * Wide operation temperature range
- * Superior low current discharge performance
- * Better safety performance and reliability
- * Modular and installation design
- * Environmental friendly

Size: 151x65x100

Weight: 2,4kg

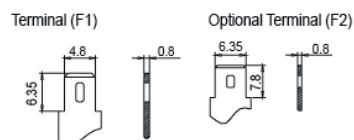


Application:

Telecommunication
UPS
Solar and wind power system
Electric power, nuclear power
Marine

Company Certificates

ISO 9001:2009
ISO 14001:2005



Technical details

Max discharge current:	108A (5sec)	Self-discharge:	less than 9% / 90 days @ 25°C
Internal resistance (charged):	22mΩ @ 25°C	Max charge current:	1,8A
Temperature range		Charge voltage at 20°C	Float: 2.25-2.30V
Application temperature:	-20°C ~ 60°C		Cycle: 2.40-2.45V
Storage:	-20°C ~ 60°C	Terminal output:	F1/F2
Charge:	-10°C ~ 50°C	Container	ABS
Temperature compens.factor:	20 mV/°C		

Temperature effect on battery capacity: 105 % @ 40°C 85 % @ 0°C; 60 % @ -20°C

**Discharge current
(A/25°C, 68°F):**

End Voltage	5min	10min	15min	30min	1h	3h	5h	10h	20h
1,60	30,0	18,8	15,3	8,50	4,80	1,88	1,29	0,71	0,38
1,65	28,4	17,9	14,6	8,15	4,63	1,82	1,25	0,70	0,38
1,70	26,8	17,0	13,9	7,86	4,44	1,76	1,20	0,70	0,37
1,75	25,2	16,0	13,2	7,56	4,25	1,69	1,16	0,69	0,36
1,80	23,5	15,1	12,5	7,18	4,04	1,64	1,12	0,67	0,35

**Discharge power
(W/25°C, 68°F):**

End Voltage	5min	10min	15min	30min	45min	1h	2h	3h	5h
1,60	53,3	35,8	28,1	15,5	11,8	9,30	5,13	3,68	2,38
1,65	50,7	34,0	27,0	14,9	11,3	8,90	5,02	3,59	2,34
1,70	48,1	32,2	25,9	14,3	10,8	8,53	4,89	3,49	2,30
1,75	45,6	30,4	24,8	13,7	10,4	8,28	4,73	3,38	2,25
1,80	43,1	28,6	23,8	13,2	10,0	7,90	4,58	3,27	2,29

Discharge curves

Temperature and capacity relation

