

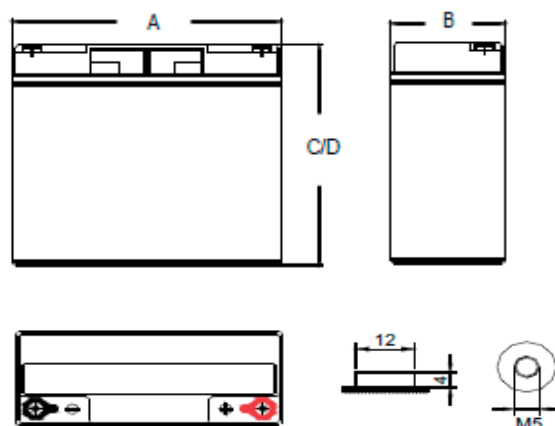


Rated voltage: 12 V **Capacity:** 18Ah C₂₀ at 25°C to 1.75V per cell

- * 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: 181x77x167

Weight: 5,2kg



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:	255A (5sec)	Self-discharge:	less than 9% / 90 days @ 25°C
Internal resistance (charged):	16mΩ @ 25°C	Max charge current:	4,5A
Temperature range		Charge voltage at 20°C	Float: 2.25-2.30V Cycle: 2.40-2.45V
Application temperature:	-20°C ~ 60°C	Terminal output:	M5
Storage:	-20°C ~ 60°C	Container	ABS
Charge:	-10°C ~ 50°C		
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	66,2	44,5	33,9	20,0	11,4	4,67	3,17	1,77	0,94
1,65	63,9	43,5	33,1	19,6	11,1	4,58	3,12	1,75	0,93
1,70	61,5	42,4	32,2	19,1	10,8	4,47	3,07	1,73	0,91
1,75	59,1	41,2	31,4	18,7	10,4	4,38	3,02	1,71	0,90
1,80	56,7	40,1	20,2	18,2	10,1	4,28	2,96	1,68	0,89

**Discharge power
(W/25°C, 68°F):**

End Voltage	5min	10min	15min	30min	45min	1h	2h	3h	5h
1,60	134	85,0	67,5	39,5	28,9	23,3	15,1	10,9	6,83
1,65	130	82,4	65,9	38,3	27,9	22,4	14,1	10,2	6,83
1,70	125	79,0	63,2	37,0	26,6	21,2	13,3	9,45	6,49
1,75	118	75,6	60,6	35,7	25,5	20,1	12,5	8,62	6,13
1,80	111	72,1	58,2	34,2	24,0	18,7	11,3	7,68	5,68

Discharge curves

Temperature and capacity relation

