



ES 26-12

12V-26Ah



Features

- High purity lead calcium grid plates to prolong service life and enhance corrosion resistance
- Low resistance microporous glass fibre separators, AGM VRLA spill resistant design
- One way, self-regulating pressure relief valve allows gas to escape and prevents the ingress of oxygen
- High conductivity, leak resistant female terminal thread for ease of installation
- Heat sealed lid to box weld for superior integrity
- Flame arrestors for added safety

Electrical Specification

Nominal Voltage	12V
20-hr rate Capacity to 1.8V/cell at 20°C	26 Ah
10-hr rate Capacity to 1.8V/cell at 20°C	23,2 Ah
10-min rate Constant Power 1.6V/cell at 20°C	117 Watts

Dimensions

Lenght	166 mm
Width	175 mm
Height	125 mm
Height over terminals	125 mm
Min height required above terminals	125 mm
Weight (typical)	7,8 kg

Terminal Type

Female threaded terminal	T8/T3 mm
Torque	5,5 Nm

Internal Resistance

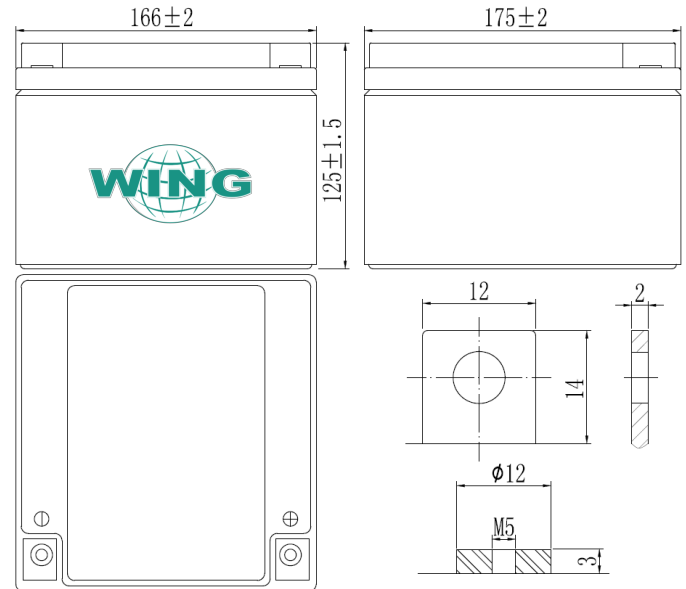
Impedance (fully charged)	13 mΩ
---------------------------	-------

Charge Voltage

Float charge voltage at 20°C	2.26~2.30 V/cell
Float charge voltage temperature correction factor (for variations from standard 20°C)	±3 mV/Cell/°C
Cyclic (or Boost) charge voltage at 20°C	2.42~2.49 V/cell
Cyclic charge voltage temperature correction factor (for variations from standard 20°C)	±4 mV/Cell/°C
Charge Current	
Maximum charge current limit	5,4 A
Remote Degassing Facility	-
Degassing Tube Diameter	-

Operating Temperature Range

Storage (fully charged condition)	-20 °C to 50 °C
Charge	-10 °C to 50 °C
Discharge	-15 °C to 50 °C



Storage

Capacity loss in storage at 20°C / month	<3 %
--	------

Case Material

Standard option	ABS (UL94:V0 / HB)
-----------------	--------------------

Design Life

EUROBAT Classification (High Performance)	6 - 9 years at 20 °C
---	----------------------

Maximum Discharge Current

1 Second	260 A
1 Minute	130 A
Short Circuit Current	415 A

Manufactured in ISO9001, ISO14001, OHSAS 18001 certified facility



Standards

Compliant with:
 BS 6290-4: 1997
 BS EN 60896-21: 2004
 BS EN 60896-22: 2004



ES 26-12

12V-26Ah

Constant Current Discharge - Amps at 20°C (In MINUTES)

V/cell	5	10	15	20	25	30	35	40	45	50	55	60	90
1,6	98,8	62,4	49,4	39,0	32,1	27,6	24,5	22,2	20,5	19,0	17,9	16,9	12,0
1,63	97,3	61,8	48,9	38,7	31,9	27,3	24,3	22,1	20,3	18,9	17,7	16,8	11,9
1,65	95,8	60,5	48,2	38,1	31,7	27,0	24,0	21,8	20,1	18,7	17,5	16,6	11,9
1,7	91,9	58,0	46,4	36,7	30,9	26,2	23,3	21,1	19,4	18,1	17,0	16,2	11,8
1,75	87,9	55,5	44,9	35,4	30,2	25,5	22,7	20,6	19,0	17,6	16,6	15,9	11,6
1,8	83,0	52,4	42,5	33,5	29,3	24,6	21,9	19,9	18,3	17,0	16,0	15,4	11,3

Constant Current Discharge - Amps at 20°C (in HOURS)

V/cell	2	3	4	5	6	7	8	9	10	12	20
1,6	9,24	6,64	5,31	4,52	3,80	3,30	2,92	2,66	2,44	2,13	1,33
1,63	9,21	6,62	5,30	4,50	3,79	3,29	2,91	2,65	2,44	2,12	1,32
1,65	9,18	6,60	5,28	4,49	3,78	3,28	2,91	2,64	2,43	2,11	1,32
1,7	9,10	6,55	5,24	4,45	3,74	3,25	2,88	2,62	2,41	2,09	1,31
1,75	8,96	6,50	5,20	4,42	3,72	3,22	2,86	2,60	2,39	2,08	1,30
1,8	8,74	6,31	5,04	4,29	3,61	3,13	2,77	2,52	2,32	2,02	1,26

Constant Power Discharge - Watts per Cell at 20°C (in MINUTES)

V/cell	5	10	15	20	25	30	35	40	45	50	55	60	90
1,6	184	117	93,9	74,1	61,1	52,6	46,8	42,5	39,3	36,5	34,3	32,6	23,2
1,63	181	116	92,9	73,5	60,6	52,2	46,5	42,1	39,0	36,2	34,0	32,4	23,1
1,65	178	114	91,6	72,3	60,1	51,6	45,9	41,6	38,5	35,8	33,6	32,1	23,1
1,7	171	109	88,2	69,7	58,6	50,0	44,5	40,3	37,3	34,7	32,6	31,3	22,8
1,75	164	104	85,2	67,3	57,5	48,8	43,4	39,4	36,4	33,9	31,8	30,7	22,5
1,8	154	98,5	80,7	63,7	55,7	47,0	41,8	37,9	35,1	32,6	30,6	29,7	21,9

Constant Power Discharge - Watts per Cell at 20°C (in HOURS)

V/cell	2	3	4	5	6	7	8	9	10	12	20
1,6	18,0	13,2	10,6	8,99	7,56	6,56	5,85	5,31	4,89	4,25	2,66
1,63	18,0	13,1	10,5	8,96	7,54	6,54	5,83	5,30	4,88	4,24	2,65
1,65	17,9	13,1	10,5	8,94	7,52	6,52	5,81	5,28	4,86	4,23	2,64
1,7	17,7	13,0	10,4	8,86	7,45	6,46	5,76	5,24	4,82	4,19	2,62
1,75	17,5	12,9	10,3	8,80	7,40	6,42	5,72	5,20	4,78	4,16	2,60
1,8	17,0	12,5	10,0	8,53	7,18	6,22	5,55	5,04	4,64	4,04	2,52



Wetac Stand-By B.V.
Netherlands
orderdesk@wetac.nl

Wetac Stand-By UK
England
technicaluk@wetac.com

BSOL Batteriesysteme GmbH
Deutschland
standby@wetac.com

Wetac Swiss GmbH
Switzerland
info@wetac.ch

Wetac Stand-By CZ
Czech Republic
standby@wetac.com

Wetac Hellas C.Z.
Czech Republic
standby@wetac.com