

BAE *SECURA* Product Programme

Stationary Batteries

Telecommunications



Uninterrupted power supply



Emergency lighting



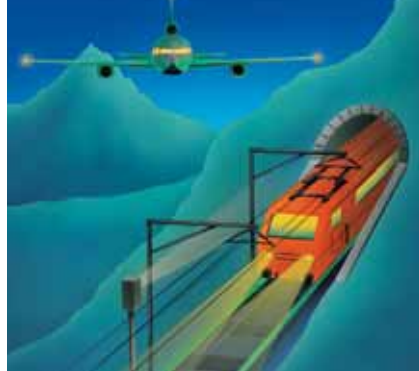
Solar energy



Energy utilities



Traffic

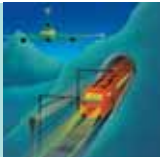

















End2End

ENERGY FROM BATTERIES



BAE *SECURA* Product Programme

Applications		 		
	   			   
Type	OPzS-Block	OGi-Block	UPS-Block	OPzS-Cells
				
System	vented	vented	vented	vented
Nominal capacity (10 h)	50 – 300 Ah	25 – 900 Ah	100 – 1200 W/C	200 – 3250 Ah
Voltage	12V, 6V	12V, 6V, 2V	12V, 6V	2V
Positive electrode	Tubular PbSb1.6SnSe	Round grid PbSb1.6SnSe	Round grid PbSb1.6SnSe	Tubular PbSb1.6SnSe
Container (UL-94 rating)	SAN (HB)	SAN (HB)	SAN (HB)	SAN (HB)
Electrolyte	Liquid	Liquid	Liquid	Liquid
Typical discharge time	30 min – 10 h	5 min – 10 h	5 min – 1 h	1 h – 10 h
Water refilling interval	> 3 years	> 3 years	> 3 years	> 3 years
Pole bushing	100 % tight	100 % tight	100 % tight	100 % tight
Operational life (years)	18	16	12	20+
Cycles (IEC 60896-1/2)	> 1200	> 1000	> 800	> 1500
Ventilation (EN 50272-2)	100 %	100 %	100 %	100 %
Float voltage (V/cell)	2.23	2.23	2.25–2.27	2.23

Reference temperature: 20 °C

Stationary Batteries



OGi-Cells

OPzV-Block

OGiV-Block

OPzV-Cells

SPzV-Battery



vented

valve regulated

valve regulated

valve regulated

valve regulated

200 – 2400 Ah

50 – 900 Ah

25 – 900 Ah

200 – 3250 Ah

120 – 1100 Ah

2V

12V, 6V, 2V

12V, 6V, 2V

2V

48V, 60V

Round grid
PbSb1.6SnSe

Tubular
PbCaSn

Round grid
PbCaSn

Tubular
PbCaSn

Tubular
PbCaSn

SAN (HB)

SAN/ABS (HB/V-0)

SAN/ABS (HB/V-0)

ABS (HB)

PP (HB)

Liquid

GEL

GEL

GEL

GEL

5 min – 10 h

30 min – 10 h

5 min – 10 h

30 min – 10 h

30 min – 10 h

> 3 years

N/A

N/A

N/A

N/A

100 % tight

100 % tight

100 % tight

100 % tight

100 % tight

20

18

15

20

15

> 1200

> 1500

> 800

> 1500

> 1000

100 %

20 %

20 %

20 %

20 %

2.23

2.25

2.25

2.25

2.27

More than just batteries ...



*NY Life insurance in Georgia
19 OGi 1520*

BAE is your partner of choice when it comes to the planning, ontime delivery, installation, commissioning and subsequent permanent service of stationary battery systems of all types and for all applications.

We operate on a world-wide basis. We can also provide customised battery racks and cabinets if required. We also ensure proper disposal and subsequent recycling of old battery systems.



*Colt Telecom in Amsterdam
24 OPzV 3000*



*UPS application in USA
6 V 11 OGi 275*

*A typical compact battery system
fitted into a cabinet.*



End2End



Our performance, continuing after the sale, is completed:

- *Tested quality*
- *24-hours service facility*
- *Guaranteed returnability and recyclability*

Your contact:



BAE Batterien GmbH
Wilhelminenhofstraße 69/70
12459 Berlin · Germany
P.O. Box 9 · 12442 Berlin
Tel. +49 30 53001-401
Fax +49 30 5354949
E-mail: info@bae-berlin.de
www.bae-berlin.de