

# BAE *SECURA* Product Programme

## Stationary Batteries

Telecommunications



Uninterrupted power supply



Emergency lighting



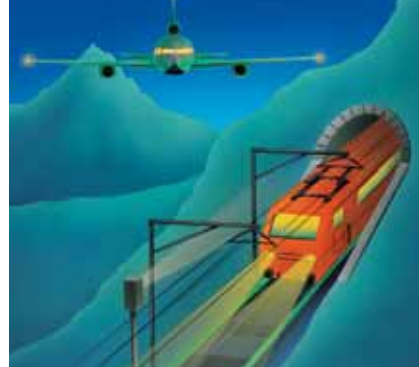
Solar energy



Energy utilities



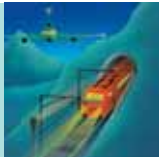















Traffic



ENERGY FROM BATTERIES


























# BAE *SECURA* Product Programme

Applications		 		
	   			   
Type	OPzS-Block	OGi-Block	UPS-Block	OPzS-Cells
				
<b>System</b>	vented	vented	vented	vented
<b>Nominal capacity (10 h)</b>	50 – 300 Ah	25 – 900 Ah	100 – 1200 W/C	200 – 3250 Ah
<b>Voltage</b>	12 V, 6 V	12 V, 6 V, 2 V	12 V, 6 V	2 V
<b>Positive electrode</b>	Tubular PbSb1.6SnSe	Round grid PbSb1.6SnSe	Round grid PbSb1.6SnSe	Tubular PbSb1.6SnSe
<b>Container (UL-94 rating)</b>	SAN (HB)	SAN (HB)	SAN (HB)	SAN (HB)
<b>Electrolyte</b>	Liquid	Liquid	Liquid	Liquid
<b>Typical discharge time</b>	30 min – 10 h	5 min – 10 h	5 min – 1 h	1 h – 10 h
<b>Water refilling interval</b>	> 3 years	> 3 years	> 3 years	> 3 years
<b>Pole bushing</b>	100 % tight	100 % tight	100 % tight	100 % tight
<b>Operational life (years)</b>	18	16	12	20+
<b>Cycles (IEC 60896-1/2)</b>	> 1200	> 1000	> 800	> 1500
<b>Ventilation (EN 50272-2)</b>	100 %	100 %	100 %	100 %
<b>Float voltage (V/cell)</b>	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	2 V	48 V, 60 V
Round grid PbSb1.6SnSe	Tubular PbCaSn	Round grid PbCaSn	Tubular PbCaSn	Tubular PbCaSn
SAN (HB)	SAN/ABS (HB/V-O)	SAN/ABS (HB/V-O)	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.*



## **Our performance, continuing after the sale, is completed:**

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

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