




Industrial Batteries

FLOODED		
SD / SDH	LM	SGL / SGH
		
Vented	Vented	Vented
FIAMM traditional batteries are available for high to long discharge application, also for use with unstable grid and deep discharge. Minimum maintenance and topping up is required		

- main application
- secondary application

application & usage	high rate UPS	●		●
	telecom		●	●
	emergency, security, signaling & other UPS	●	●	
	IT network & data centers	●	●	
	industry & process controls	●	●	●
	utilities	●	●	●
	oil & gas / switchgear	●	●	●
	leisure, toys & minor traction			
	renewable energy storage			
	designed for use also at elevated temperature			
technology & design	unstable grid installation	●	●	
	off-grid installation			
	positive plate & electrolyte	flat plate free electrolyte	tubular free electrolyte	Planté pure lead free electrolyte
	DIN type		DIN 40736 OPzS	DIN 40738 GroE
	target discharge profile	high rate to 10h discharge	1h to 10h discharge	high rate to 10h discharge
	deep discharge (DIN 43539T5 for VRLA)		✓	
	design life*	15 years	20 years	25 years
	maintenance	3 year topping up in float condition	3 year topping up in float condition	3 year topping up in float condition
	Eurobat classification			
	nominal voltage	2V cells	2V cells	2V cells
capacity range	80 to 2320 Ah	100 to 3500 Ah	75 to 2600 Ah	
design & installation	also available dry charged	also available dry charged	also available dry charged	
FV0 flame retardant plastics				
remote venting				

* in float operation and temperature controlled environment