

# Industrial Batteries

## RENEWABLE ENERGY

### LM Solar

### SMG Solar



Vented

GEL VRLA

FIAMM Solar batteries are designed for use with renewable energy island and other off-grid applications

- main application
- secondary application

		LM Solar	SMG Solar
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	●	●
	unstable grid installation	●	●
	off-grid installation	●	●
technology & design	positive plate & electrolyte	tubular free electrolyte	tubular electrolyte in gel
	DIN type	DIN 40736 OPzS	DIN 40742 OPzV
	target discharge profile	up to 120h long discharge	up to 120h long discharge
	deep discharge (DIN 43539T5 for VRLA)	✓	✓
	design life*	20 years	18 years
	maintenance	3 year topping up in float condition	maintenance free
	Eurobat classification		Long Life 12 years and longer
	nominal voltage	2V cells	2V cells
	capacity range	150 to 5000 Ah	265 to 3900 Ah
	design & installation	also available dry charged	vertical or horizontal installation
FV0 flame retardant plastics		optional	
remote venting			

\* in float operation and temperature controlled environment