



Type:
6-FM-7-18-24-40-65-100
VRLA Battery
Flame Retardant Case

Type	Nominal voltage	Nominal capacity	Approximate weight	Energy density	Specific energy	Internal resistance	Terminals
6-FM-7	12V	7Ah (20Hr,25°C)	2.2 kg	85.6 Wh/L	38.2 Wh/kg	26 mΩ	F2-250
6-FM-18	12V	18Ah (20Hr,25°C)	5.7 kg	95.1 Wh/L	37.8 Wh/kg	1.4 mΩ	Copper
6-FM-24	12V	24Ah (20Hr,25°C)	8.2 kg	79.3 Wh/L	35.1 Wh/kg	9.6 mΩ	φ5
6-FM-40	12V	40Ah (20Hr,25°C)	12.1 kg	82.5 Wh/L	38 Wh/kg	8.6 mΩ	M6
6-FM-65	12V	65Ah (20Hr,25°C)	19.8 kg	77.2 Wh/L	39.4 Wh/kg	5.9 mΩ	M6
6-FM-100	12V	100Ah (20Hr,25°C)	29.5 kg	97.5 Wh/L	41 Wh/kg	5.6 mΩ	M8

Type	Discharge temperature	Charge temperature	Storage temperature	Best range	Equalizing charge	Float voltage	Self-discharge & storage
6-FM-7	-40 °C-50°C	-20 °C-50°C	-20 °C-40°C	15 °C-25°C	14.50 ~14.90V (25°C)	13.65 ~13.80V (25°C)	1Month: 98%/3Month: 94%/6Month: 86%
6-FM-18	-40 °C-50°C	-20 °C-50°C	-20 °C-40°C	15 °C-25°C	14.50 ~14.90V (25°C)	13.65 ~13.80V (25°C)	1Month: 98%/3Month: 94%/6Month: 86%
6-FM-24	-40 °C-50°C	-20 °C-50°C	-20 °C-40°C	15 °C-25°C	14.50 ~14.90V (25°C)	13.65 ~13.80V (25°C)	1Month: 98%/3Month: 94%/6Month: 86%
6-FM-40	-40 °C-50°C	-20 °C-50°C	-20 °C-40°C	15 °C-25°C	14.50 ~14.90V (25°C)	13.65 ~13.80V (25°C)	1Month: 98%/3Month: 94%/6Month: 86%
6-FM-65	-40 °C-50°C	-20 °C-50°C	-20 °C-40°C	15 °C-25°C	14.50 ~14.90V (25°C)	13.65 ~13.80V (25°C)	1Month:98%/3Month:94%/6Month: 83%
6-FM-100	-40 °C-50°C	-20 °C-50°C	-20 °C-40°C	15 °C-25°C	14.50 ~14.90V (25°C)	13.65 ~13.80V (25°C)	1Month: 99%/3Month: 97%/6Month: 86%

Type	Designed life	Case material
6-FM-7	5 Years	ABS (FLAME RETARDANT UL94)
6-FM-18	5 Years	ABS (FLAME RETARDANT UL94)
6-FM-24	5 Years	ABS (FLAME RETARDANT UL94)
6-FM-40	5 Years	ABS (FLAME RETARDANT UL94)
6-FM-65	5 Years	ABS (FLAME RETARDANT UL94)
6-FM-100	5 Years	ABS (FLAME RETARDANT UL94)



