

BATTERIES

MOLL Solar – The efficient energy storage system



PRODUCT ADVANTAGES:

Carrying handles

High cycle capability

Long life

Minimum maintenance

Very high reliability

Safe handling

High functional safety

Longer utilisation

Minimum space requirement, reduced weight

Robust performance

Good charging acceptance, even with small currents

Patented innercell connection

Central gas venting with flame-arrestor (MOLL patent)

Temperature resistance

Reliability even in partly charged condition

Low self-discharge < 1%

Optimal rate of current acceptance

High energy density

Envelopes with fiber glass protection

Special alloy and active material

TECHNICAL DATA

MOLL Solar		A	B	C	D	E	F	G
Rated voltage	V	6	12	12	12	12	12	12
Rated capacity								
C 100	Ah	260	60	100	130	140	180	240
C 20	Ah	240	50	90	120	130	160	200
C 5	Ah	180	40	75	90	105	130	180
Recommended final cut-off voltage	V	5.8	11.5	11.5	11.5	11.5	11.5	11.5
Recommended end of charge voltage	V	7.1	14.2	14.2	14.2	14.2	14.2	14.2
Electrolyte density	1.26 ± 0.01 kg/l at 27 °C							
Battery delivery	filled and charged, on request unfilled but dry-charged with acid package							
Length	mm	244	211	353	352	513	513	518
Width	mm	190	175	175	175	189	223	275
Height	mm	275	190	190	232	223	223	242
Weight, filled approx.	kg	30	14	26	30	40	47	65

Type	Article numbers
A MOLL Stationary	6 V / 240 Ah C 20 5200106240G
B MOLL Solar	12 V / 60 Ah C 100 5200112060G
C MOLL Solar	12 V / 100 Ah C 100 5200112100G
D MOLL Solar	12 V / 130 Ah C 100 5200112130G
E MOLL Solar	12 V / 140 Ah C 100 5200112140G
F MOLL Solar	12 V / 180 Ah C 100 5200112180G
G MOLL Solar	12 V / 240 Ah C 100 5200112240G

Subject to modifications that represent progress.

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