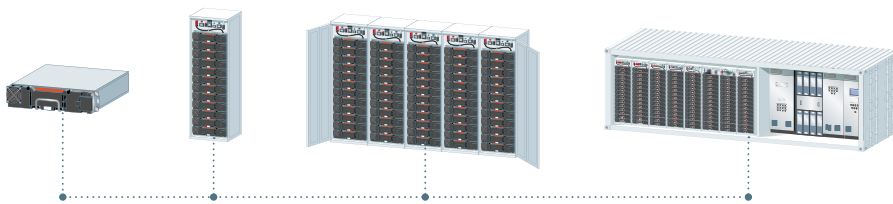
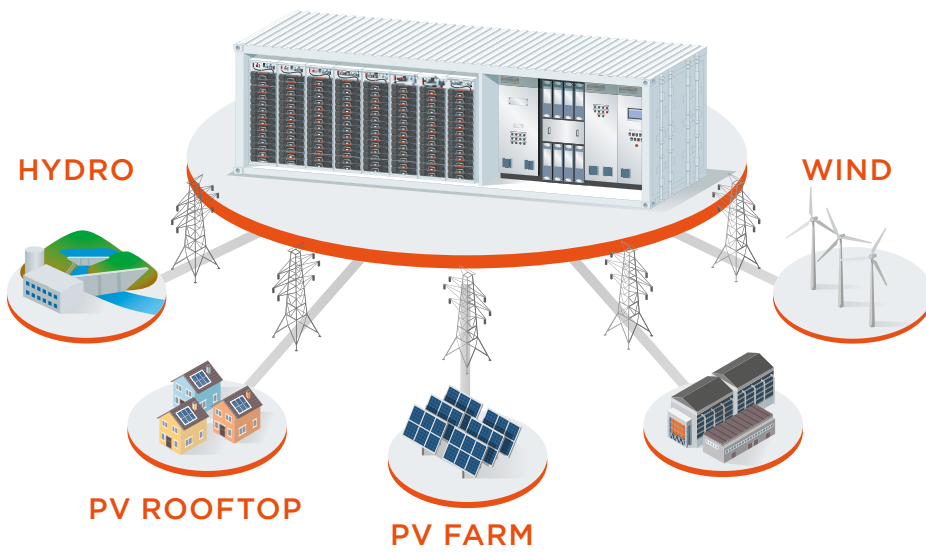


FUSES FOR EES BATTERY MODULE PROTECTION

aBat FUSES
60A TO 600A



ABAT5M
500VDC



MODULE

MONITORING BUSBAR, COOLING AND ABAT5M

RACK, BMS* & STRINGS

ABAT FUSES AND HIGH-SPEED DC FUSES

CONTAINER & PCS**

BUSBAR, COOLING, HIGH SPEED FUSES, ABAT FUSES, GBAT FUSES, SPD, AND CAPACITORS

* Battery Management System
** Power Conditioning System



- Design for DC applications
- Low watt losses
- Full coverage of battery module voltage and current
- Ultra compact size
- Interrupting Rating (IR): 30kA @500VDC, L/R ≤ 2.5ms
- UL reconized & IEC 60 269-7



CONTACT US

• Please contact our technical support to help you choose the right fuse:
ts.sbm@mersen.com

FUSES FOR BATTERY ELECTRICAL STORAGE SYSTEM

ABAT5M Size 20



ABAT5M150-20G

Catalog number	Rated voltage DC (IEC)	Rated voltage DC (UL)	Rated current I_n	Pre-arcing I^2t	Clearing I^2t at Rated Voltage	Power dissipation at $0.8 I_n$
ABAT5M60-20G	500 V	500 V	60 A	230 A ² s	2000 A ² s	6 W
ABAT5M70-20G	500 V	500 V	70 A	390 A ² s	3400 A ² s	7 W
ABAT5M80-20G	500 V	500 V	80 A	510 A ² s	4400 A ² s	8 W
ABAT5M100-20G	500 V	500 V	100 A	910 A ² s	7800 A ² s	11 W
ABAT5M125-20G	500 V	500 V	125 A	1420 A ² s	12500 A ² s	12 W
ABAT5M150-20G	500 V	500 V	150 A	2050 A ² s	17500 A ² s	15 W

ABAT5M Size 25



ABAT5M250-25G

Catalog number	Rated voltage DC (IEC)	Rated voltage DC (UL)	Rated current I_n	Pre-arcing I^2t	Clearing I^2t at Rated Voltage	Power dissipation at $0.8 I_n$
ABAT5M100-25G	500 V	500 V	100 A	1420 A ² s	12500 A ² s	7 W
ABAT5M125-25G	500 V	500 V	125 A	2790 A ² s	24000 A ² s	9 W
ABAT5M150-25G	500 V	500 V	150 A	4610 A ² s	51000 A ² s	9 W
ABAT5M175-25G	500 V	500 V	175 A	6470 A ² s	60500 A ² s	11 W
ABAT5M200-25G	500 V	500 V	200 A	8190 A ² s	70000 A ² s	13 W
ABAT5M250-25G	500 V	500 V	250 A	12800 A ² s	110000 A ² s	18 W

ABAT5M Size 30



ABAT5M400-30G

Catalog number	Rated voltage DC (IEC)	Rated voltage DC (UL)	Rated current I_n	Pre-arcing I^2t	Clearing I^2t at Rated Voltage	Power dissipation at $0.8 I_n$
ABAT5M150-30G	500 V	500 V	150 A	4610 A ² s	36500 A ² s	10 W
ABAT5M200-30G	500 V	500 V	200 A	8190 A ² s	65000 A ² s	14 W
ABAT5M250-30G	500 V	500 V	250 A	12800 A ² s	105000 A ² s	18 W
ABAT5M300-30G	500 V	500 V	300 A	18440 A ² s	146000 A ² s	22 W
ABAT5M350-30G	500 V	500 V	350 A	25900 A ² s	205000 A ² s	25 W
ABAT5M400-30G	500 V	500 V	400 A	32780 A ² s	260000 A ² s	31 W

ABAT5M Size 38



ABAT5M600-38G

Catalog number	Rated voltage DC (IEC)	Rated voltage DC (UL)	Rated current I_n	Pre-arcing I^2t	Clearing I^2t at Rated Voltage	Power dissipation at $0.8 I_n$
ABAT5M300-38G	500 V	500 V	300 A	18440 A ² s	143000 A ² s	21 W
ABAT5M350-38G	500 V	500 V	350 A	25900 A ² s	190000 A ² s	25 W
ABAT5M400-38G	500 V	500 V	400 A	32780 A ² s	255000 A ² s	30 W
ABAT5M450-38G	500 V	500 V	450 A	40470 A ² s	310000 A ² s	36 W
ABAT5M500-38G	500 V	500 V	500 A	51210 A ² s	400000 A ² s	40 W
ABAT5M600-38G	500 V	500 V	600 A	73750 A ² s	565000 A ² s	50 W