ATMOCE

Data Sheet

M-Backup



Items	Unit	MU100-S	MU100-T
What's in the M-Backup			
Combiner/Load Breaker		1 × unit, 63 A, 2-pole	1 × unit, 63 A, 4-pole
Grid Breaker		1 × unit, 80 A, 2-pole	1 × unit, 80 A, 4-pole
Bypass Breaker		1 × unit, 80 A, 2-pole	1 × unit, 80 A, 4-pole
Electrical Parameters			
Grid Setup		Single-phase	Three-phase
Nominal Voltage	V	220/230/240 Va.c.	220/380 Va.c., 230/400 Va.c., 3/N~
Operating Voltage Range (L to N)	V	176 to 276	
Nominal Frequency	Hz	50/60	
Extended Frequency Range	Hz	45 to 65	
Max. Combiner/Load Current	A	63	
Max. Grid Current	A	80	
Max. Distribution Panel Current	A	80	
Overvoltage Category		III	
Noise	dB	<25	
Altitude	m	3000	
Protection Class		II	
Pollution Degree		III	
Mechanical Parameters			
Dimensions (W x H x D)	mm	390 × 460 × 125	
Weight	kg	3.6	6
Ambient Temperature Range	℃	-30 to 50	
Cooling		Natural convection	
Enclosure Environmental Rating		Outdoor, IP65	
Wire Sizes [a]	mm^2	Combiner/Load side: 16 to 25 | Grid side: 16 to 25 | Distribution panel side:16 to 25	
Communication Cable Sizes	mm^2	0.25 to 0.75	
Communication		CAN, RS485, DI, DO	
Compliance			
Safety		IEC 61439-1/-2	
EMC		IEC 61000-6-1/-2/-3/-4	

a. Refer to the local electrical regulations to select the cable size.