

Battery Modules

Wall mountable battery modules for Lead acid batteries

CoolPower
Solutions

Battery Modules are available in the following sizes: 1.2 – 3 – 7.2 and 12Ah. They have been developed to enable battery applications to be carried out in safety. For this reason, they are fitted with fuse and terminal block and the whole set of batteries is protected by a case.



Model	HOLDER3.2-12		HOLDER7.2-12	
Output Vn - In	12 V – 3.2 Ah		12 V – 7.2 Ah	
Features				
End-of-charge Vdc (trickle)	13.75 (20°C); 13.5 (30°C); 13.0 (40°C)			
Max. charging current	0.8 A		1.7 A	
Short-circuit protection	Yes		Yes	
Protection Fuse	25 A		25 A	
Working Temperature	+5...+40°C		+5...+40°C	
Stocking Temperature	-20...+50°C		-20...+50°C	
Self-discharge rate	20 °C 15% per month		20 °C 15% per month	
Generic Data				
Dimension (WxHxD)	105x175x90 mm		105x175x120 mm	
Weight (approx)	0.7 kg		1.1 kg	
Protection class	IP20		IP20	
Assembly using 4 holes	For hanging onto M4 screws			
Buffering Time (min)				
Load : 1.5 A	60		180	
Load : 3 A	40		90	
Load : 5 A	20		40	
Load : 7 A	10		30	
Load : 10 A	5		20	
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Model	HOLDER1.2	HOLDER3.2	HOLDER7.2	HOLDER12
Output Vn - In	24 V – 1.2 Ah	24 V – 3.2 Ah	24 V – 7.2 Ah	24 V – 12 Ah
Features				
End-of-charge Vdc (trickle)	27.5 (20°C); 27 (30°C); 26.5 (40°C)			
Max. charging current	0.30 A	0.80 A	1.7 A	3.0 A
Short-circuit protection	Yes	Yes	Yes	Yes
Protection Fuse	25 A	25 A	25 A	25 A
Working Temperature	+5...+40°C	+5...+40°C	+5...+40°C	+5...+40°C
Stocking Temperature	-20...+50°C	-20...+50°C	-20...+50°C	-20...+50°C
Self-discharge rate	20 °C 15% per month			
Generic Data				
Dimension (WxHxD)	170x100x80 mm	170x140x90 mm	170x155x120 mm	170x155x120 mm
Weight (approx)	0.55 kg	1.2 kg	2.2 kg	2.2 kg
Protection class	IP20	IP20	IP20	IP20
Assembly using 4 holes	For hanging onto M4 screws			
Buffering Time (min)				
Load : 1.5 A	30	60	180	600
Load : 3 A	10	40	90	260
Load : 5 A	4	20	40	120
Load : 7 A	2	10	30	60
Load : 10 A	-	5	20	45