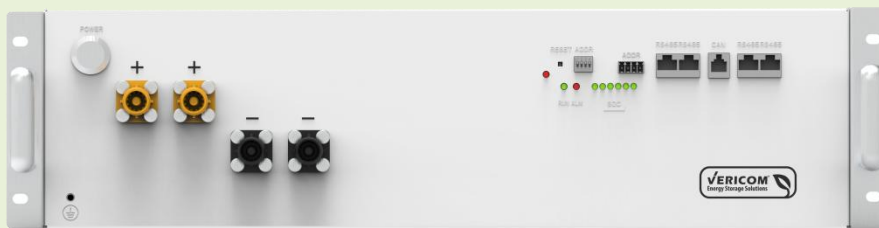


Module Energy Storage System



Features



MODULAR DESIGN

- The battery capacity could be selected freely based on customer's requirement.



SAFETY

- Providing variety of electrical protection functions which makes it safe to use.

TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Model	MES-5.42	MES-10.85	MES-16.28	MES-21.71	MES-27.14
DC/DC Converter					
Output Power	2.71 kWh	5.42 kWh	8.13 kWh	10.84 kWh	13.55 kWh
Output Voltage	51.2 VDC				
DC/DC Converter					
Nominal Power	5.42 kWh				
Capacity	106 Ah				
Weight	≈45* kg				
Dimensions (W*H*D)	280X650X165 mm				
HES System					
Modules	1P	2P	3P	4P	5P
Usable Energy	5.42 kWh	10.85 kWh	16.28 kWh	21.71 kWh	13.55 kWh
DOD	90%				
Round Trip Efficiency	>92%				
Cycle Life	10y/6000 cycles (25°C)				
IP Rating	IP21				
Weight	45 kg	90 kg	135 kg	180 kg	225 kg
Dimensions (W*H*D)	520X145X450 mm	520X290X450 mm	520X435X450 mm	520X580X450 mm	520X725X450 mm
Operating Temperature	0 ° C~35 ° C				
Communication Port	Can, RS485				

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