EK70 HS5 Battery

- Total Peace Of Mind – Multi-layer Battery Protection
- Plug-And-Play Design – Easy And Fast Installation
- DC-DC Optimizer Battery – Scalable For Future Expansion
- LFP Battery – Enhanced Safety And Greater Stability
- 10,000 Cycles – Long Service Life And Durable Performance



EK70 BU5-6.0-TV

EK70 BU5-7.0-TV | EK70 BU5-9.0-TV

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SAJ

BU5 BAT	EK70 BU5-6.0-TV	EK70 BU5-7.0-TV	EK70 BU5-9.0-TV
Performance specification			
Battery type	LiFePO4		
Cell capacity [Ah]	314		
Cycle life*	10000		
Total energy capacity [kWh]	6	7	9
Usable energy capacity [kWh]	6	7	9
Depth of discharge**	100%		
Max. charge / discharge power [W]	3000	3500	4600
Max. charge / discharge current [A]	7.7	9.0	11.8
General Data			
Weight [kg]	60.4	68	79.2
Dimensions [W / H / D] [mm]	835 / 270 / 270		
Storage temperature range	-10 ℃ ~ 40℃		
Operating temperature range	-30 ℃ ~ 50℃		
Relative humidity range	5% ~ 95%		
Max. operating altitude [m]	3000		
Cooling	Natural convection		
System ingress protection rating	IP66		
Installation method	Floor standing / Wall-mounted		
Number of modules per controller	1 ~ 6		
Compatible inverters [pcs]	HS5 series		
Standard compliance			
Standard	IEC/EN 60730-1, UN 38.3, IEC/EN 62619, IEC/EN 63056, IEC/EN 62040		
BE5-TV			
Weight [kg]	8		
Dimensions [W / H / D] [mm]	835 / 70 - 80 / 270		
Compatible battery system	BU5 BAT series		

* Provided by the battery manufacturer. Test conditions: 25±2°C, 0.5C charge and discharge rate, SOH 60%.
** Provided by the battery manufacturer. Test conditions: 100% depth of discharge, 0.2C charge and discharge rate at 25°C, at the beginning of life.