

SPECIFICATION SHEET



Hansol

SAMSUNG
SAMSUNG SDI
BATTERIES

Technical Data		Scalable AIO 7.2/10.8	
DC Input (PV)	Max Power (kWp)	6,6 (3,3 x 2)	
	Max (V)	125~500 / 400 per String	
	MPPT / Rated Voltage (V)	125~500 / 400 per String	
	Min. / Initial Input Voltage (V)	125~150 per String	
	Max Input Current (A)	15 per String	
	No. of MPP Tracker	2	
	No. of DC inputs	2	
	PV Module Connectors	MC4	
AC Side (GRID)	Rated Voltage (Vac)	230	
	Rated Frequency (Hz)	50	
	Feed-in/Connection Phase	1/1	
	Rated Output Power (kW)	5	
	Rated Output Current (A)	22	
	Maximum Input Power (kW)	8	
	Maximum Input Current (A)	35	
	Power Factor (cos phi)	0.8 (over ~ 1 ~ 0,8 (under)	
Emergency Power Supply (LOAD)	Rated Voltage (Vac)	230	
	Rated Frequency (Hz)	50	
	Rated Current (A)	17,4	22
	Rated Power (kW)	4	5
	Feed In Type	Single-Phase	
Battery	Scalability	Available (7,2/10,8)	
	Manufacturer	SAMSUNG SDI	
	Technology	Lithium Ion (Lithium Manganese Oxide)	
	Power (kW)	4	5
	Rated Usable Capacity (kWh) (@ DoD 90%)	7,2/6,48	10,8/9,72
Efficiency	PV to Grid (%)	96	
	Standby Losses (W)	25	
Others	Dimension (mm, B x W x H)	1.140 x 280 x 1.200	
	Weight (kg)	194 / 239	
	Operating Temperature (°C)	-10~40	
	Humidity (%)	Max. 95 (non-condensing)	
	IP Grade	54	
	Certifications and Approvals	IEC 62109-1/2, AS3100, AS62040.1.1, AS4777.2(3), IEC62619, IEC60730-1 Annex H, IEC61000-6-2/3, IEC61727, IEC61116	
	Warranty (Years)	5 (Product / 10 (Performance)	
	Energy Management	Monitoring	Web, Mobile
Software Update		Via Internet	

* Data is subject to change without notice