

Solinteg Integ M 4-12kW Hybrid Inverter

Pylontech Force H2 Energy Storage System



Force H2



* Please contact us for more details or refer to our warranty.



110% Unbalanced Output

Saving your energy costs every time



UPS Level Auto Switching

Seamless power transitions, no disruptions



Intelligent Monitoring

Real-time insights, wherever you are



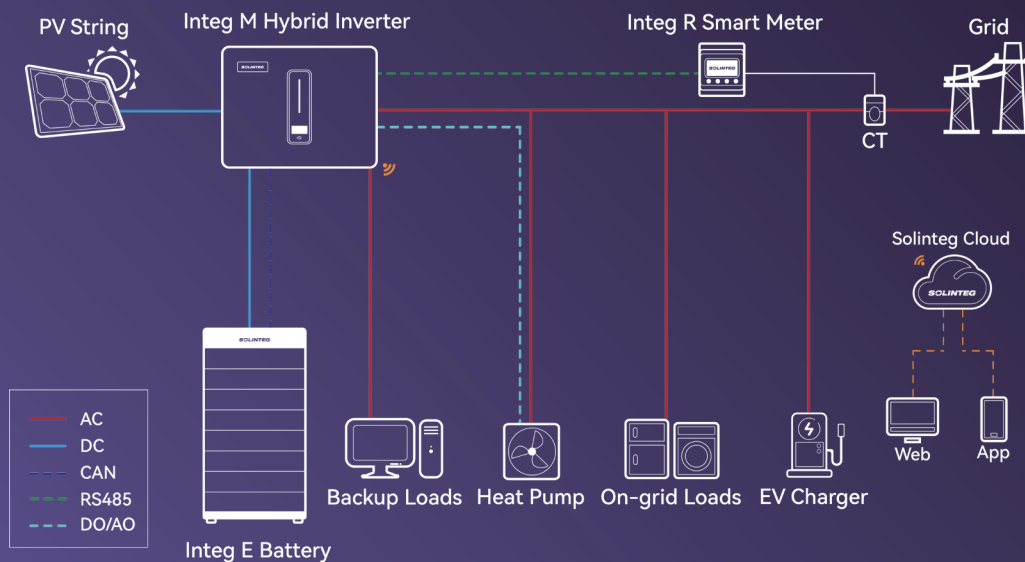
Smart Load Control

Customize your energy usage with ease

MHT 4-12K



Residential Energy Storage Solution



Model		MHT-4K-25	MHT-5K-25	MHT-6K-25	MHT-8K-25	MHT-10K-25	MHT-12K-25	
PV Input	Recommended Max. input power [kW]	6	7.5	9.0	12.0	15.0	18.0	
	Start-up voltage [V]	135	135	135	135	135	135	
	Max. DC input voltage* [V]	1000*	1000*	1000*	1000*	1000*	1000*	
	Rated DC input voltage [V]	620	620	620	620	620	620	
	MPPT voltage range* [V]	120-950*	120-950*	120-950*	120-950*	120-950*	120-950*	
	No. of MPP trackers	2	2	2	2	2	2	
	No. of DC inputs per MPPT	1/1	1/1	1/1	1/1	1/1	1/1	
	Max. input current [A]	15/15	15/15	15/15	15/15	15/15	15/15	
	Max. short-circuit current [A]	20/20	20/20	20/20	20/20	20/20	20/20	
Battery Side		Pylontech Force H2 Battery						
Battery type		Pylontech Force H2 Battery						
Battery voltage range [V]		174-540						
Charge/Discharge Current [A]		18.5/18.5 continuous (25/25 max.)						
Battery capacity range [KWh]		7.10 / 10.65 / 14.21 / 17.75						
Grid Side	Rated output power [kW]	4.0	5.0	6.0	8.0	10.0	12.0	
	Max. output apparent power [kVA]	4.4	5.5	6.6	8.8	11.0 ¹⁾	13.2	
	Max. input apparent power** [kVA]	8.0	10.0	12.0	16.0	16.5	16.5	
	Max. charging power of battery [kW]	4.0	5.0	6.0	8.0	10.0	12.0	
	Rated AC voltage	3L/N/PE; 220/380V;230/400V;240/415V						
	Rated AC frequency [Hz]	50/60	50/60	50/60	50/60	50/60	50/60	
	Max. output current [A]	6.7	8.3	10.0	13.3	16.5 ²⁾	20.0	
Back-up Side	Rated output power [kW]	4.0	5.0	6.0	8.0	10.0	12.0	
	Max. output apparent power [kVA]	4.4	5.5	6.6	8.8	11.0	13.2	
	Max. output current [A]	6.7	8.3	10.0	13.3	16.5	20.0	
	UPS switching time	<10ms	<10ms	<10ms	<10ms	<10ms	<10ms	
	Rated output voltage	3L/N/PE; 220/380V;230/400V;240/415V						
	Rated output frequency [Hz]	50/60	50/60	50/60	50/60	50/60	50/60	

* PV Max. Input voltage is 950V without battery, or 850V with battery, otherwise inverter will be waiting;

** Max apparent power from the grid means the maximum power imported from the utility grid used to satisfy the backup loads and charge the battery;

1) G98: 10.5kVA; 2) G98: 16.00A



Well compatible with Pylontech Residential storage system



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