

HIGH VOLTAGE SYSTEM INTEGRATED SOLUTIONS

ALL-IN-ONE



AFCI Arc-Fault-Circuit-Interrupter



Modular installation simple and safe



Harmonics <2%



Support for generator functions



Big color touch screenlocal
visualization



Support Parallel Connection



Pressure Relief Valve
Prevents Explosion



High-temperature
Fire-resistant Pad



Comprehensive Cell
Temperature Monitoring



Aerogel Insulation Pad
Blocks heat transfer.



Built-in Firefighting Module
4s Rapid Fire Extinguishing



Built-in Heating Pad Ensures
stable operation in Cold Environments

Technical Specification



INVERTER		AU5KETH	AU6KETH	AU8KETH	AU10KETH	AU12KETH	AU15KETH
		10~15kWh		10~25kWh			
PV INPUT							
Max.DC Input Power	[W]	7500	9000	12000	15000	18000	22500
Max. DC Input Voltage	[V]	1000					
Rated DC Input Voltage	[V]	620					
Start-Up Voltage	[V]	160					
MPPT Voltage Range	[V]	160~950					
Max. Input Current	[A]	18/36					
Max. Short Circuit Current	[A]	23/46					
Number Of MPP Trackers		2					
Strings Per MPP Tracker		1/1			1/2		
AC INPUT							
Rated Input Voltage	[V]	400/380,3L/N/PE					
Max. Input Power	[W]	10000	12000	16000	20000	24000	30000
Max. Input Current	[A]	15.2	18.2	24.3	30.3	36.4	45.5
AC OUTPUT_ GRID							
Rated Output Power	[W]	5000	6000	8000	10000	12000	15000
Max. Output Apparent Power	[VA]	5500	6600	8800	11000	13200	16500
Rated Output Voltage	[V]	400/380,3L/N/PE					
Rated Output Frequency	[Hz]	50/60					
Max. Output Current	[A]	8.3	10	13.3	16.5	20	25
THDi		<2%					
Output Power Factor		adjustable +/-0.8					
AC OUTPUT _ OFF GRID							
AC Output (Backup)		400/380					
Rated Output Frequency	[Hz]	50/60					
Rated Output Power	[W]	5000	6000	8000	10000	12000	15000
Max. Output Current	[A]	7.6	9.1	12.1	15.2	18.2	22.7
THDv		3%					
Switch Time	[ms]	<10					
EFFICIENCY							
MPPT Efficiency		99.9%					
Max. Efficiency		97.9%	98%	98.2%		98.4%	
Euro. Efficiency		96.8%		97.1%	97.2%	97.4%	
OTHER PARAMETERS							
Operating Temperature Range	[°C]	-25~+60					
Storage Temperature Range	[°C]	-30~+65					
Humidity Range		0~95%					
Operating Altitude	[m]	<3000					
Ingress Protection		IP65					
Topology		Transformerless					
Parallel Mode		Intergrated, max 10pcs					
Communication		WiFi / RS485/ CAN (BMS)					
Display		LCD					
Cooling Method		Natural			Fan		