



AIB OFF GRID POWER UNIT MODELS	PU10k	PU20k
<b>INVERTER OUTPUT</b>		
Rated Output Power	10,000W	20,000W
Max. Peak Power	20,000W	40,000W
Rated Output Voltage	120/240V, Split Phase	
Capacity of Motors	6HP	12HP
Rated AC Frequency	50/60Hz	
Waveform	Pure sine wave	
Switch Time	10ms (typical)	
<b>BATTERY</b>		
Battery Type	LiFePo4	
Battery Capacity	30kW   60kW   90kW	
Rated Battery Voltage	48Vdc	
Max. Mains / Generator Charging Cu	120A	240A
<b>PV INPUT</b>		
Num. of MPPT Trackers	2	4
Max. PV Array Power	11,000W (2x5,500W)	22,000W (4x5,500W)
Max. Input Current	2x22A	4x22A
Max. Open Circuit Voltage	500Vdc	
MPPT Voltage Range	125-425Vdc	
<b>UTILITY GENERATOR INPUT</b>		
Input Voltage Range	90-140Vac	
Frequency Range	50/60Hz	
Bypass Overload Current	63A	126A
<b>EFFICIENCY</b>		
MPPT Tracking Efficiency	99.90%	
Max Battery Inverter Efficiency	92%	
<b>COMMUNICATION</b>		
Optional Embedded Interfaces	Remote Generator Start Control / Wi-Fi / Outlets: 15A, 30A, 50A	
Function	Power Save Mode   Time-of-Use Optimization   Net Metering	