



# ADON

RENEWABLES



## PowerBox Mini

PowerBox Mini can keep your home or small business powered during unexpected power outages. Give yourself peace-of-mind knowing that you have a smart backup generator that can turn on automatically through software. By design it requires almost no maintenance because there are no moving parts. Electric generators are immune to rising gas/diesel fuel costs, and it operates quietly. Plus, in certain instances, you may sell excess energy back to the grid.





<b>Product</b>	PowerBox Mini				
<b>Cell Technology</b>	Lithium Ferrous Phosphate (LFP)				
<b>System kwh</b>	10.65	14.2	17.76	21.31	24.86
<b>System Vdc</b>	144	192	240	268	336
<b>System Ah</b>	74Ah				
<b>Controller</b>	PBMC500-40S				
<b>Module</b>	PBM 48074				
<b>Module Quantity</b>	3	4	5	6	7
<b>Module kWh</b>	3.552				
<b>Module Vdc</b>	48				
<b>Module Ah</b>	74				
<b>System Charge Upper Voltage (Vdc)</b>	162	216	270	324	376
<b>System Charge Current (Amps. Standard)</b>	14.8				
<b>System Charge Current (Amps. Normal)</b>	37				
<b>System Charge Current (Amps. Max. @15s)</b>	40				
<b>Short Circuit Amps</b>	<4000				
<b>Efficiency (%)</b>	96				
<b>Depth of Discharge (%)</b>	95				
<b>System Height (mm / in)</b>	700/27.56	870/34.25	1040/40.94	1210/47.64	1380/54.33
<b>Communication</b>	CANBUS / Modbus RTU				
<b>Protection Class</b>	IP55				
<b>Weight (lbs.)</b>	269	348	428	507	586
<b>Life (Years)</b>	15+ @ 25C (>8000 cycles)				
<b>Operation Temp (°C/°F)</b>	0 to 50 / 32 to 122				
<b>Storage Temp (°C/°F)</b>	-20 to 60 / -4 to 140				
<b>Altitude (m/ft.)</b>	< 2000 / < 6562				
<b>Humidity</b>	5-95%				
<b>Product Certificate</b>	VDE2510-50, IEC62619, ULI973, IEC62477-1, IEC62040-1, CEC, CE				
<b>Transfer Certificate</b>	UN 38.3				
<b>Dimensions W*D*H (mm / in)</b>					
<b>1) Controller</b>	600x380x150 / 23.62x14.96x5.9				
<b>2) Module</b>	600x380x170 / 23.62x14.96x6.69				
<b>3) Base Dimensions</b>	600x380x40 / 23.62x14.96x1.57				