

# Adon PowerBox Residential Home System

Changing How Electricity is Delivered



Product Type	PowerBox Mini				
Cell Technology	Lithium Ferrous Phosphate (LFP)				
System kwh	10.65	14.20	17.76	21.31	24.B6
System Vdc	144	192	240	268	336
System Ah	74Ah				
Controller	PBMC500-40S				
Module	PBM 48074				
Module Quantity	3	4	5	6	7
Module kWh	3.552				
Module Vdc	48				
Module Ah	74				
System Charge Upper Voltage (Vdc)	162	216	270	324	376
System Charge Current (Amps. Standard)	14.8				
System Charge Current (Amps. Normal)	37				
System Charge Current (Amps.Max.@15s)	40				
System Discharge Lower Voltage (Vdc)	130.5	174	217.5	261	304.5
System Discharge Current (Amps. Standard)	14.8				
System Discharge Current (Amps. Normal)	37				
System Discharge Current (Amps.. Max.@15s)	40				
Short Circuit Amps	<4000				
Efficiency (%)	96				
Depth of Discharge (%)	95				
System Height (mm / in)	700/27.56	870/34.25	1040/40.94	1210/47.64	1380/54.33
Communication	CANBUS / Modbus RTU				
Protection Class	IP55				
Weight (kg / Lb.)	122 / 269	158 / 348	194 / 428	230 / 507	266 / 586
Life (Years)	15+				
Operation Temp (°C / °F)	0-50 / 32-122				
Storage Temp (°C / °F)	-20-60 / -4-140				
Altitude (m / ft.)	< 2000 / < 6562				
Humidity	5 - 95%				
Product Certificate	VDE2510-50, IEC62619, ULI973, IEC62477-1, IEC62040-1, CEC,CE				
Transfer Certificate	UN 38.3				
Dimensions W*D*H (mm / in)	1) Controller 600x380x150 / 23.62x14.96x5.9 2) Module 600x380x170 / 23.62x14.96x6.69 3) Base Dimensions 600x380x40 / 23.62x14.96x1.57				

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Product Type	PBM48074
Cell Technology	Litium Ferrous Phosphate (LFP)
Module Capacity (kWh)	3.552
Module Voltage (Vdc)	48
Module Capacity (Ah)	74
Module Serial Cell Quantity	15
Cell Voltage (Vdc)	3.2
Cell Capacity (Ah)	37
Dimesion W*D*H (mm / in)	600x380x170 / 23.62x14.96x6.69
Weight (kg / lb.)	36 / 79
Operation Life	15 + years
Cycle Life	5.000
Operation Temperature (°C / °F)	0 ~ 50 / 32 ~ 122
Storage Temperature (°C / °F)	-20 ~ 60 / -4 ~ 140
Transfer Certificate	UN38.3