



Pyxis™ 110V Technical Data Sheet

Model	PYX/400/250/1	PYX/800/250/1
Continuous Output @ 25 °C	350 W	700 W
Peak Power Output @ 25 °C	700 W	1400 W
Max Power Output (3 Minutes)	400 W	800 W
Output Voltage (Pure Sine Wave)	110 V AC (230 V AC Option Available)	
Output Frequency	50 Hz	
Solar Power Input Nominal Voltage Range‡	12 V – 21 V	
Solar Array Power Input Limit‡	360 Wp	
Solar Array Input Current Limit‡	30 A	
Solar Charge Algorithm‡	PWM	
12 V DC Input/Output Current Limit	75 A	
Standby Power Consumption	3.1 W	3 W
Battery Storage Type	Sealed AGM	
Battery Bank Voltage	12 V	
Battery Bank Capacity	40 Ah (C20)	
AC Power Output Connection	1 x 16 A 230 V SP CEE Form Socket	
Solar Power Input Connection‡	Multi-Contact 30 A MC3	
DC Input/Output Connection	1 x 120 A 12 V DC Grey SB120 Anderson	
Inverter Protection	Short Circuit, Inverse Polarity, Overload, Overheat, Low Battery	
Circuit Protection	RCBO 230 V AC: 6 A / 110 V AC: 10 A	
Earth Fault Protection	RCBO 230 V AC: 6 A / 110 V AC: 10 A	
Battery Monitoring	Battery Condition Indicator/ Analogue	
Set Up Time	5 minutes	
Water/Ingress Protection	IP44	
Operating Temperature Range	-10 °C – 45 °C	
Dimensions (W x D x H)	560 mm x 350 mm x 340 mm	
Packaged Dimensions (W x D x H)	670 mm x 460 mm x 550mm	
Weight (kg)	28	29
Packaged Weight (kg)†	32.4	33.4
Recommended Number Of Persons For Lifting	2	
Warranty	2 Years	