

Apollo Power Home System – Data Sheet

The Need	Description		Comments
Reliable, long lasting battery	Type	LiFePO4	80% DOD
	Voltage	12.8V	Self-discharge rate ≤5% a month
	Capacity	20-100Ah (256-1280Wh)	
	Cycles	Up to 2500	
Charging Ability from solar panels and AC	Charge power	320Wp	4-8 hours charging, depending on input power of panels/AC adapter
	Voltage	15-60V	
	# of charging inputs	4	
	Connection type	1 Anderson, 2 wire clip, 1 Lenovo Power Tip	
Supports a variety of electrical products	# of output sockets	10	i. 2 for Lighting (12V) ii. 1 for DC TV (12V) iii. 3 car sockets (12V) iv. 4 USB (5V)
	Output current	20A max continuous per socket	USB – up to 2.1A from each socket
	Total output current	25A max continuous	
	Add-on power consumption	1	Up to 250W
Supports PAYG Methods	GSM module	Supports 2g & 3g	
	keypad		
Visual, Increasing costumer certainty	LCD screen	B&W	
	Battery capacity display	LED (5 Led, green, red)	
		Digital percentage display and remaining time of use (in current usage status)	Shown in LCD screen
Connection to smartphone	Bluetooth Module		For android only (until Q1/19)

Environmental conditions:

Operation Temperature

Charge 0°C~45°C Discharge -20°C~55°C

Storage Temperature -10°C~45°C

Humidity up to 95%