

AUPS Module Specifications

Model Name		AUPS-A10	AUPS-A20	AUPS-B10	AUPS-B20
VESA Type		VESA 75	VESA 75	VESA 75 and 100	VESA 75 and 100
Input Data	Input voltage Uinated/range	DC +12V	DC +9V~+36V	DC +12V	DC +9V~+36V
	Input current rated	1. Adapter is 12V-6A (Load is 60W) 2. Battery is 6V-12A (Load is 60W)		1. Adapter is 12V-9A (Load is 100W) 2. Battery is 12V-9A (Load is 100W)	
	Standby power consumption	0.3A (0.2A if Network Management disabled)			
	Operation with charging current	500mA			
	Operation with charging power consumption	6W		10W	
Charging time with system ON/OFF		8hrs / 2hrs (Battery empty)			
Output Data	Output voltage for normal operation	DC +12V +/-5%			
	Output voltage for battery operation, approx.	6-8.4V DC6 V (exhaustive discharge protection)		12-16.8V DC12 V (exhaustive discharge protection)	
	output current	0A-5A		0A-8.3A	
	Efficiency(nominal operation)/power lossat Vin=12V, Iout=80% of full loading	89%	93%	95%	94%
Protection	short-circuit protection	Yes			
	Exhaustive discharge protection	1. Battery low is 10% of Battery capacity 2. Shutdown 5% of Battery capacity (Default) 3. The end of Battery discharge voltage is 6V			
	EMC / Safety certification	UL, TUV, CE, FCC			
Monitoring	Ethernet interface	Web-based, specification 10/100Mbps with RJ-45 connection, Cat. 5 cable			
	USB interface	PC-capable, specification 2.0 with full speed, i.e. 2 Mbit/s. Standard 4-core shielded cable, USB Series "mini B" connector to DC-UPS			
Physical	Dimensions	152mm(L) * 96mm(W)*28mm(H)		174mm(L) * 147mm(W)*35mm(H)	
	Weight	1.2 kg		1.8 kg	
LED Indicator	Green	DC power input			
	Yellow	Battery charging			
	Orange	Battery discharging			
Environment	Operating Tem.	0°C-40°C			
	Storage Tem.	-20°C-50°C			

Note1: Suggest to connect DC input constantly. Battery will be drained after 14 hours.

Note2: System power consumption + AUPS charging power consumption = Total watts of power source

Battery Module Specifications

Model Name		AUPS-A10	AUPS-A20	AUPS-B10	AUPS-B20
Battery Model Name		BAT-LI-2S2P3800		BAT-LI-4S2P3800	
Battery	battery type	Li-Ion 2S2P 7.4V		Li-Ion 4S2P 14.8V	
	Battery capacity	7.4V 3800 mAh		14.8V, 3800 mAh	
	Maximum charge voltage	8.4V		16.8V	
	The end of discharging voltage	5.6V		11.2V	
	Suggestive charging current (Max.)	2A		2A	
	System continuous discharging current(Max)	7.6A		7.6A	
	The end of charge condition	250mA / 1Min		200mA / 1Min	
	Discharge protection	Under voltage protection / Over current protection			
	Charge protection	Over voltage protection / Over current protection			
	Ambient temp	0°C-40°C		0°C-40°C	
	Storage Tem	-20°C-60°C		-20°C-60°C	
	Self-discharge rate	340uA-440uA			
	Dimensions	139mm(L) * 47mm(W)*26mm(H)		165mm(L) * 76mm(W)*26mm(H)	
	Weight	236g		450g	
	Cycle life	300 charge / discharge cycles			
	Backup	60W / 10Min		100W / 10Min	
Safety class	CE, UL, TUV				

Note: Suggest to replace Battery Module every 2 years.

Selection table for UPS modules and main buffering time

AFOLUX PPC	AUPS-A10	AUPS-A20	AUPS-B10	AUPS-B20
Under 50W solution				
AFL-057-LX (15W~20W)	145min	145min	290min	290min
AFL-07A-N270 (20W~25W)	100min	100min	200min	200min
AFL-08AH-N270 (25W~30W)	70min	70min	140min	140min
AFL-10A-N270 (25~30W)	70min	70min	140min	140min
AFL-10A-9103 (40W~45W)	50min	50min	100min	100min
AFL-10A-LX (25W~30W)	70min	70min	140min	140min
AFL-12A-LX (25W~30W)	70min	70min	140min	140min
AFL-12B-CX2 (38W~42W)	50min	50min	100min	100min
AFL-12A-N270 (25W~30W)	70min	70min	140min	140min
AFL-12B-9103 (45W~48W)	45min	45min	90min	90min
50W ~ 100W solution				
AFL-15B-915-CM370 (58W~63W)	-	-	35min	35min
AFL-15C-9652-T7500 (65W~70W)	-	-	30min	30min
AFL-17B-915-CM370 (75W~80W)	-	-	25min	25min
AFL-17C-9652-T7500 (85W~90W)	-	-	20min	20min
AFL-19B-915-CM370 (75W~80W)	-	-	25min	25min
AFL-19C-9652-T7500 (85W~90W)	-	-	20min	20min

Note: The backup time could be varied on different models or operating temperature.



BAT-LI-2S2P3800

BAT-LI-4S2P3800

