



APlus

ONLINE UPS



- 60KW single power module in 3U
- N+1 or N+X parallel redundancy for power guarantee
- Hot-swappable modular design decreases MTTR
- High scalability
- Built-in maintenance bypass switch for easy maintenance without interruptible
- High efficiency double conversion online UPS
- Flexible battery configuration and adjustable charging current
- High overload capability
- Power walk-in function

APlus Modular UPS Selection Guide

MODEL	A+ 30U-120	A+ 30U-180	A+ 42U-240	A+ 42U-300
PHASE	3-phase in / 3-phase out			
CABINET CAPACITY*	120 KW	180 KW	240 KW	300 KW
BATTERY TYPE	External Battery			
ONE POWER MODULE CAPACITY	60KVA / 60KW			
MAX. POWER MODULE NO.	2	3	4	5
INPUT				
Nominal Voltage	3 x 400VAC (3Ph+N)			
Voltage Range	-25% ~ +20%			
Nominal Frequency	50/60Hz (Auto Sensing)			
Frequency Range	40Hz ~70Hz			
Power Factor	> 0.99 @ 100% Load , >0.98 @ 50% Load			
Harmonic Distortion (THDi)	< 3% @ 100% load			
OUTPUT				
Nominal Voltage	3 x 400VAC (3Ph+N)			
Voltage Regulation(Steady state)	± 1% Typical (balanced load) ; ± 2% Typical (unbalanced load)			
Nominal Frequency	50/60Hz			
Frequency Range(Synchronized)	46Hz ~ 54Hz or 56Hz ~ 64Hz			
Overload Capability	1 hour for ≤ 110%, 10 mins for 111% ~ 125%, 1 min for 126%~150% and 200ms for >150%			
Harmonic Distortion	≤1% THD (Linear Load) ; ≤3% THD (Non-linear Load)			
Efficiency	96%			
BATTERY / CHARGER				
Nominal Voltage	+/- 168V ~ +/- 240V (Selectable)			
Maximum Voltage	+/- 240V (12V x 40 Pcs)			
Minimum Voltage	+/- 168V (12V x 28 Pcs)			
Floating Charge Voltage	2.35V/Cell (2.3V~2.4V selectable)			
Boost Charging Voltage	2.4V/Cell			
Temperature Compensation	Yes			
Maximum Charging Current (Per Power Module)	20A (Adjustable)			
PHYSICAL				
Cabinet Dimension (D x W x H) mm	1100 x 600 x 1475	1100 x 600 x 1475	1100 x 600 x 2010	1100 x 600 x 2010
Net Weight (Kg)	270	300	466	510
ENVIRONMENT				
Operating Temperature	0 ~ 40°C			
Relative Humidity	0 ~ 95% non-condensing			
Altitude***	<1000m for Nominal power			
IP Protection	IP 20			
MANAGEMENT				
Smart RS-232 / USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC			
Optional SNMP	Power management from SNMP manager and web browser			
STANDARDS				
Safety	IEC/EN 60950-1; IEC/EN 62040-1			
EMC	IEC/EN 62040-2 Category C3			

***If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m. Product specifications are subject to change without further notice.

Model	Description	Dimension DxWxH(mm)	Weight (kg)
PM-60	3P/3P 60KVA/60KW power module	750 x 438 x 130 (3U)	44