

AMPITOWER™ CABINET



TECHNICAL SPECIFICATIONS

BATTERY SPECIFICATIONS

PRODUCT NAME	AT-4D-81-PB409-16-100-1-3/60	AT-4D-102-PB512-20-100-1-3/60	AT-4D-122-PB614-24-100-1-3/60
CONFIGURATION	16 battery packs	20 battery packs	24 battery packs
NOMINAL VOLTAGE	409V	512V	614V
RATED ENERGY	81kWh	102kWh	122kWh
BATTERY TYPE	NCPB (LFP)		
SERIES-PARALLEL MODE	1P16S*8S*2P	1P16S*10S*2P	1P16S*12S*2P
VOLTAGE RANGE	358.4~460.8V	448~576V	537.6~691.2V
CYCLE LIFE	≥ 6,000 cycles	≥ 6,000 cycles	≥ 6,000 cycles
COOLING MODE	Air cooling	Air cooling	Air cooling

INVERTER SPECIFICATIONS

RATED AC POWWER	60kW
RATED GRID VOLTAGE	400Vac, 3P3W+PE
RATED GRID FREQUENCY	50Hz / 60Hz
RATED AC POWER / CURRENT	30kVA / 42A * (1-2)
CURRENT THD	<3%
POWER FACTOR	-1 to 1, continuously adjustable
STANDALONE OPERATION	
RATED OUTPUT VOLTAGE	400Vac, 3P3W+PE
RATED OUTPUT POWER	30kVA
POWER FACTOR	-1 to 1

GENERAL SPECIFICATIONS

RATED OUTPUT VOLTAGE	400Vac, 3P3W+N+PE		
RATED OUTPUT POWER	30kVA / 60kVA		
DIMENSION (W*D*H)	2200mm * 1000mm * 2050mm (86.6in * 39.4in * 80.7in)		
WEIGHT	~2640kg (5820lbs)	~2720kg (5996lbs)	~2900kg (6393lbs)
ENCLOSURE RATING	IP54		

SAFE, RESILIENT AND RELIABLE

LOAD SHIFTING, RENEWABLES CLIPPING, EMERGENCY BACKUP POWER

SMART OPERATION MANAGEMENT

ALL IN ONE DESIGN (PCS, EMS, BATTERY, FIRE SUPPRESSION)

FLEXIBLE DEPLOYMENT / MODULAR DESIGN CONFIGURATIONS

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