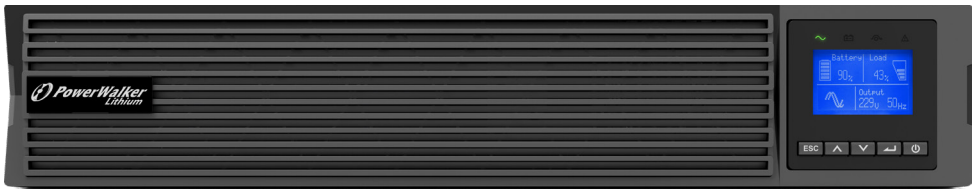
UPS On-Line Single-Phase

VFI 1k-3k LICR IoT



2× Conversion Boost Buck

Up to 10 min Backup Time

Power Factor

Lithium Battery

Features

- Output power factor 1.
- Industry-leading BMS reliability.
- Built-in cloud connection.
- Up to 4 hot-swappable battery modules.
- Lower TCO than lead acid.
- Compact 2U UPS + 1U EBM design.
- Level 3 LFP lithium battery system with advanced BMS.
- Long backup time with up to 4 optional EBM cabinets.

LICR Lithium UPS Advantage

Key Features	LICR IoT RT 1-3K Li ion UPS	Advanced Features Compared to Competitor Product	Customer Benefits
PF	1	11% more power supply than competitor offer	Support plus 11% load
Efficiency	up to 94%	2% higher efficiency than competitor offer	Save more electricity expense
Advance BMS and Li-ion Battery PACK	Level 3 BMS synchronization with UPS (Pre-alarm capacity / health prediction, Multi level protection, etc.)	1. Safety/reliability improved 30%. 2. Prediction to reduce downtime lost 20%.	1. More charge discharge cycle and longer life, to save 1 time battery replacement (battery expense and service saving) 2. Reduce 1 time downtime lost and MTBF. 3. Reduce potential safety risk.
	Advance internal cell / pack / EBM balancing and protection.	1. Ensure backup time and eliminate abnormal downtime lost. 2. Ensure battery cell/pack life.	
	All-in-One design with auto addressing 1U Li-ion EBM.	1. Space saving. 2. Easy configuration for start up and service.	1. Space saving 50% (1U) for Capex reduction (compared with normal 2U offer) 2. Reduce start up time and MTBF around 10 mins.

Model	VFI 1 k LICR IoT	VFI 1.5 k LICR IoT	VFI 2 k LICR IoT	VFI 3 k LICR IoT
Capacity				
Power Capacity	1000 VA / 1000 W	1500 VA / 1500 W	2000 VA / 2000 W	3000 VA / 3000 W
Input				
Input Voltage Range	110 ~ 300 V			
Frequency Range	45 ~ 55 Hz / 54 ~ 66 Hz			
Input Wiring	Single Phase with ground			
Input PF	0.99			
Current Distortion (THDi)	< 5% @ full load			
Output				
Output Power Factor	1			
Nominal Output Voltage	200 / 208 / 220 / 230 / 240 V			
Voltage Regulation	± 1%			
Frequency Range (Battery Mode)	50 / 60 ± 0.2 Hz			
Current Crest Ratio	3 : 1			
Voltage Distortion (THDv)	< 1% @ Linear Load, < 5% @ Non-Linear Load			
Output Waveform	Pure Sine Wave			
Parallel Operation	No			
Efficiency				
Inverter Mode	91% max	92% max	93.5% max	94% max
ECO Mode	96%	97%		
Transfer Time				
Battery Mode to Inverter Mode	0 ms			
Inverter Mode to Bypass Mode	4 ms			
ECO Mode to Battery Mode	< 10 ms			
Dimension				
UPS: (D×W×H) [mm]	445 × 438 × 86.5		608 × 438 × 86.5	
EBM (External Battery Module): (D×W×H) [mm]	445 × 439 × 43		608 × 439 × 43	
Environment				
Operating Temperature	0 ~ 40°C			
Noise Level	< 40dB @ 1 Meter		< 45dB @ 1 Meter	
Interface				
Display	DOT-MATRIX LCD			
RS232/USB	Yes, USB HID			
External Slot	Yes, 1 slot for network card, modbus card and dry contact card			
Dry Contact	Dry in and dry out, programable			
Emergency Power Off	Yes			
Ethernet Port	Build in ethernet port support direct cloud connection or local network connection			
W-LAN Connection	Optional			
Certification	CE; IEC62619 for lithium battery; IEC62040 for UPS			

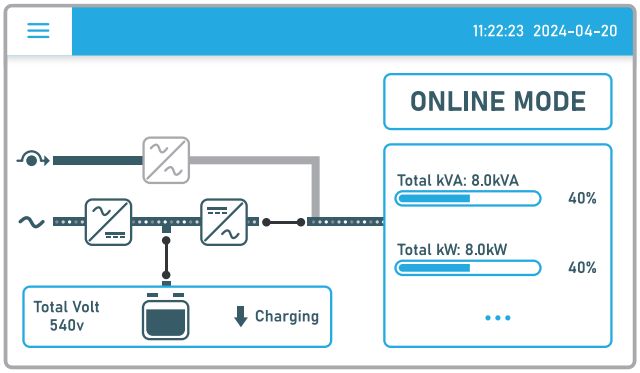
On-Line Three-Phase

VFI 20k-80k TAP PF1 3/3 BX

Features

- Three-step IGBT PWM control technology, online mode efficiency up to 96%, ECO mode efficiency up to 99%.
- Output power factor 1, provides more active power.
- Tower UPS, modular design, MTTR < 30 mins.
- Higher density reduces up to 50% of the footprint.
- Powerful charger declines the charging time dramatically.
- Predictable component lifetime enhances system reliability.
- Optimized parallel technology, eliminates single point of failure.
- Optimized battery management (OBM) technology, extended batteries life by 50%.
- Battery 32-44 adjustment provides a more flexible battery configuration.
- A 5-inch color touch LCD with 8 languages provides a userfriendly interface for operation.

Convenient Management Touch Screen



- ▶ Equipped with a LED status indicator
- ▶ A vibrant 5" touch screen with 8 language
- ▶ Convenient for users to check the status of the equipment, operation and maintenance operations.

Model	VFI 20k TAP PF1	VFI 30k TAP PF1	VFI 40k TAP PF1	VFI 60k TAP PF1	VFI 80k TAP PF1
Capacity					
Power Capacity	20 kVA / 20 kW	30 kVA / 30 kW	40 kVA / 40 kW	60 kVA / 60 kW	80kVA / 80 kW
Input					
Topology	PWM, IGBT based				
Rated Voltage	230/400 Vac nominal (220/380, 240/415 Selectable)				
Voltage Range	190/330 – 276/478 V (-15%, +20%) at 100% load, 116/201 - 276/478 V (-50%, +20%) at 50% load				
Input Power Factor	0.99				
THD (i)	< 3%				
Rated Frequency	50 / 60 Hz auto sensing				
Frequency Range	40 - 72 Hz				
Output					
Power Factor	1.0				
Efficiency	Up to 96% in online mode; >99% in ECO mode				
Output Voltage	230Vac/400Vac ± 1% (380/415Vac selectable)				
Output Frequency	50/60Hz				
Overload Capacity	102 – 110% load 60 min, 111 – 125% load 10min, 126 – 150% load 1 min, > 150% load 150 msec at 40°C				
THDV	< 2% for Linear load				
Unbalanced Load	100%				
Crest Factor	3:1				
Bypass					
Internal Static Switch	Standard				
Bypass Voltage	230/400V nominal (220 / 380, 240 / 415 Selectable) 195 / 338 – 264 / 458 V (± 15% of nominal, selectable up to ± 20%)				
Maintenance Bypass Switch	Standard				
Battery					
Battery Type	VRLA / NiCd / Lithium				
Backup Time	Varies from battery capacity and load situation				
Battery Voltage	320 V ~ 607 V, default 432 V				
Communication					
Interface	2 × Mini-Slot, 1 × Emergency Power Off input (NC or NO), 3 × Building Alarm inputs, 1 × RS232				
Com Cards (Optional)	NMC & CMC G2 cards, EMP				
Environment					
Running Temperature	UPS : 0 - 40°C; Battery: 25°C				
Storage	-25 ~ 55°C without battery; +15 ~ 25°C with battery				
Humidity	5% ~ 95%				
Elevation	No derating < 1000m				
Noise Level	< =65 dBA at 1 m @ 75% Load (ISO7779)				
Dimension					
Dimension (D×W×H) [mm]	699 × 330 × 521			773 × 331 × 972	
Regulation					
Safety	IEC/EN 62040-1				
EMC	IEC/EN 62040-2				
Performance	IEC/EN 62040-3				
Quality	ISO90001, ISO14001				
Certification	CE				

On-Line Three-Phase

MDC Single Rack Typical Configurations

Secure Rack

- IP50 protection
- 20% higher load capacity than competitors
- Glass front door with metal rear door
- Intelligent electrical lock and release

Intelligent Management

- SNMP connectivity
- Remote management via Web or mobile app
- 10.1'' Touch LCD for easy information and control
- Cybersecurity passed

Prefab Power Distribution

- Factory preinstalled infra-structure devices with wiring
- Intelligent power meter for load tracking and PUE monitoring
- Compatible with Lighting & Monitoring systems

Dynamic Monitoring

- Built-in sensors for timely alerts on environmental parameters
- Temperature and humidity sensors for environment tracking
- Smoke and water leak sensors for risk prevention
- Status lighting system with 3 colors

Power Protection

- ICR IoT RT UPS (3-10 kVA) offers top-tier protection for critical applications.

Precision Cooling

- CE-certified in-rack air conditioning for rapid air circulation near heat sources
- Uses R410A refrigerant
- Offers Split and Self-contained options
- Compatible with both gravity drain and condensate pump

Financial Institutions
Branches & Business Locations

Commercial
Retail / Enterprise Branch

Government / Education
Server / Computer Rooms

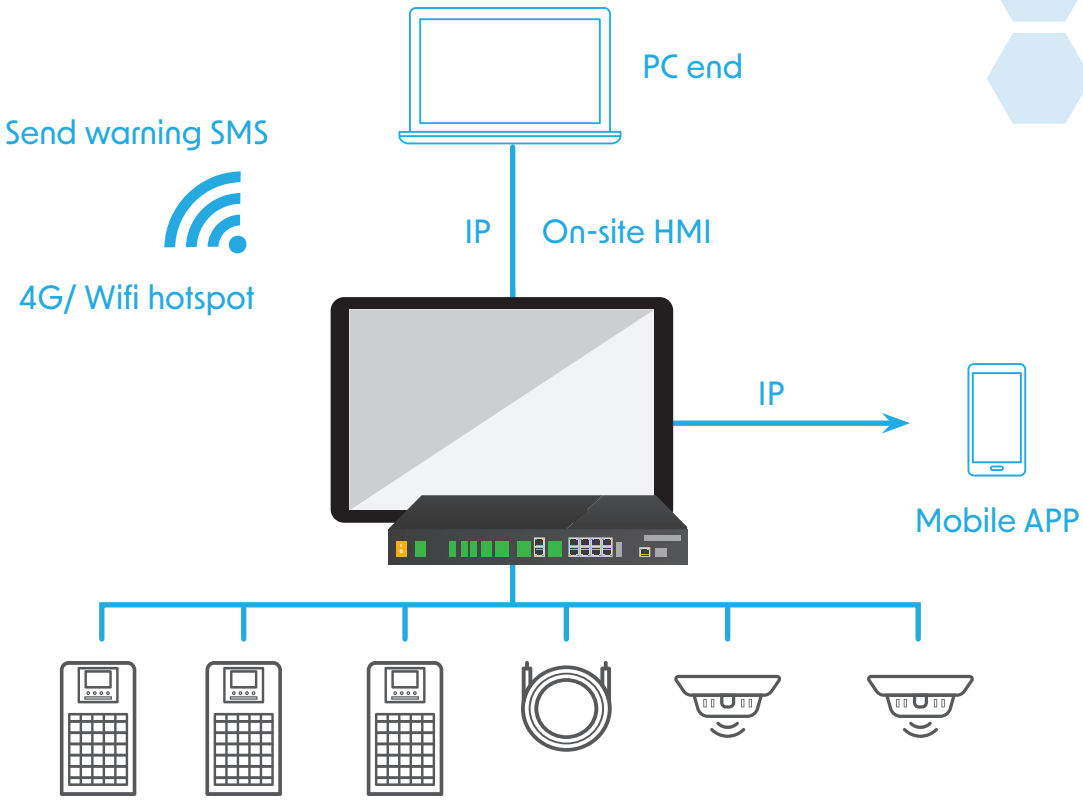
Medical
Hospital IT Departments

Telecom
Relay Stations/5G

Industrial
Small Factories

PowerWalker

Intelligent Management



Article No	BW Model Name	EAN Code	Product Description	D × W × H [mm]	UPS Rating	Cooling
10138039	MDC 3K24U	4260074984637	3K-24U basic single Rack W/O UPS/EBM	1000 × 600 × 1200	3KVA	NA
10138040	MDC 3K42U	4260074984644	3K-42U basic single Rack W/O UPS/EBM	1200 × 600 × 2000		
10138041	MDC 3K42U-CI3.5	4260074984651	3K-42U standard Single Rack W/O UPS/EBM			3.5 kW integrated
10138042	MDC 6K42U-CI3.5C	4260074984668	6K-42U standard Single Rack W/O UPS/EBM		6KVA	
10138043	MDC 6K42U-CI3.5	4260074984675	6K-42U standard Single Rack W/O UPS/EBM			
10138044	MDC 6K42UW-CI3.5	4260074984682	6K-42U standard Single Rack W/O UPS/EBM	1200 × 800 × 2000		
10138045	MDC 6K42U-CS4.2C	4260074984699	6K-42U standard Single Rack W/O UPS/EBM	1200 × 600 × 2000		4.2 kW split
10138046	MDC 10K3/3-42U-CS4.2C	4260074984705	10K-42U standard Single Rack W/O UPS/EBM		10KVA	

On-Line Three-Phrase

VFI 10-80k CPG PF1 3/3 BE/BI

General Features
Power Capacity
Output Power Factor
LINE Mode Full Load
Charger
Parallel Work (Units)
Input
Input Voltage Range
Frequency (Synchroniz
Input Type
Output
Nominal Output Volta
Voltage Regulation (E
Frequency (Battery M
Outlets
Battery
Batteries
DC Voltage
Recharge Time
Full Load Backup Time
Half Load Backup Tim
Transfer Time (AC to B
Transfer Time (Inverte

	Values				
	10 kVA / 10 kW	15 kVA / 15 kW	20 kVA / 20 kW	30 kVA / 30 kW	40 kVA / 40 kW
	1.0				
	95.5%				
	1 - 12 A				
	3				
	Values				
	190 - 520 VAC (at 50%) | 305 - 478 VAC (at 100%)				
zed Range)	46 Hz - 54 Hz or 56 Hz - 64 Hz				
	Terminal				
	Values				
age	3 × 400 V (3Ph+N); 208 / 220 / 230 / 240 VAC (Ph-N)				
Battery Mode)	is valid for all models 10 - 40 kVA				
ode)	± 0.1 Hz				
	Terminal				
	Values				
	BE: Not Included / Ext. Battery BI: 20 × 12 V / 9 Ah	BE: Not Included / Ext. Battery BI: 32 × 12 V / 9Ah		BE: Not Included / Ext. Battery BI: 2 × 32 × 12 V / 9Ah	
	20 x 12 V	32 × 12 V			
	BE: Not Applicable BI: 9 h to 90%				
e	3 min		1.5 min	2.5 min	1.0 min
ne	10 min	11 min	6.5 min	7.2 min	6.5 min
attery)	0 ms				
r to Bypass)	0 ms				

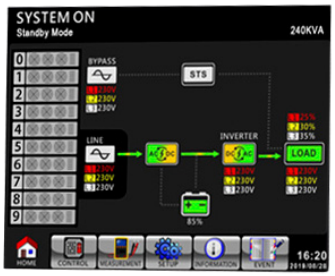
On-Line Three-Phrase

APlus 3-Phase 380VAC Modular

SKU: 10122250 - 54

Features

- 60KW for single power module in 3U
- Single 42U cabinet up to 600KW
- N+1 or N+X parallel redundancy for power guarantee
- 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



▶ Two Switch

▶ Two Switch

PowerWalker

Model	A+ 30U-120	A+ 30U-180	A+ 42U-300	A+ 42U-420	A+ 42U-480	A+ 42U-600
Phase	3-phase in/3-phase out					
CABINET CAPACITY*	120KW	180KW	300KW	420KW	480KW	600KW
BATTERY TYPE	External Battery					
One Power Module Capacity	60KVA/60KW					
Max. Power Module No.	2	3	5	7	8	10
INPUT						
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)					
Voltage Range	-30% ~ +20%					
Nominal Frequency	50/60Hz (Auto sensing)					
Frequency Range	40Hz ~70Hz					
Power Factor	> 0.99 at 100% load, >0.98 at 50% load					
Harmonic Distortion (THDi)	< 3% @ 100% load					
OUTPUT						
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)					
Voltage Regulation (Steady state)	≤ ± 1% Typical (balanced load) ≤ ± 2% Typical (unbalanced load)					
Nominal Frequency	50/60Hz					
Frequency Range (Synchronized range)	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	≤ >2% THD (Linear Load) ≤ >4% THD (Non-linear Load)					
Efficiency	96%					
BATTERY / CHARGER						
Nominal Voltage	+/- 192V ~ +/- 240V (Selectable)					
Maximum Voltage	+/- 240V (12V x 40 Pcs)					
Minimum Voltage	+/- 192V (12V x 32 Pcs)					
Floating Charge Voltage	2.28V / Cell (2.25 ~2.33 Selectable)					
Boost Charging Voltage	2.35V/Cell					
Temperature Compensation	Yes					
Maximum Charging Current (Per Power Module)	18A (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	1065 x 1000 x 2000	1065 x 1000 x 2000
Net Weight (kgs)	308	352	516	654	932	1020
ENVIRONMENT						
Operation Temperature	0 ~ 40 C					
Relative Humidity	0 ~ 95% non-condensing					
Altitude *	<1000m for Nominal power					
IP Class	IP 20					
MANAGEMENT						
RS-232/USB	Supports Windows family, Linux and MAC					
Optional SNMP	Power management from SNMP manager and web browser					
STANDARDS						
Safety	IEC/EN 62040-1					
EMC	IEC/EN 62040-2 Category C3					

*If the UPS is installed or used in a placewhere the altitude is above than 1000m, the output power must be derated one percent per

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

On-Line Three-Phrase

APlus 3-Phase 380VAC Modular

SKU: 10122250 - 54

Features

- 60KW for single power module in 3U
- Single 42U cabinet up to 600KW
- N+1 or N+X parallel redundancy for power guarantee
- 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

PowerWalker

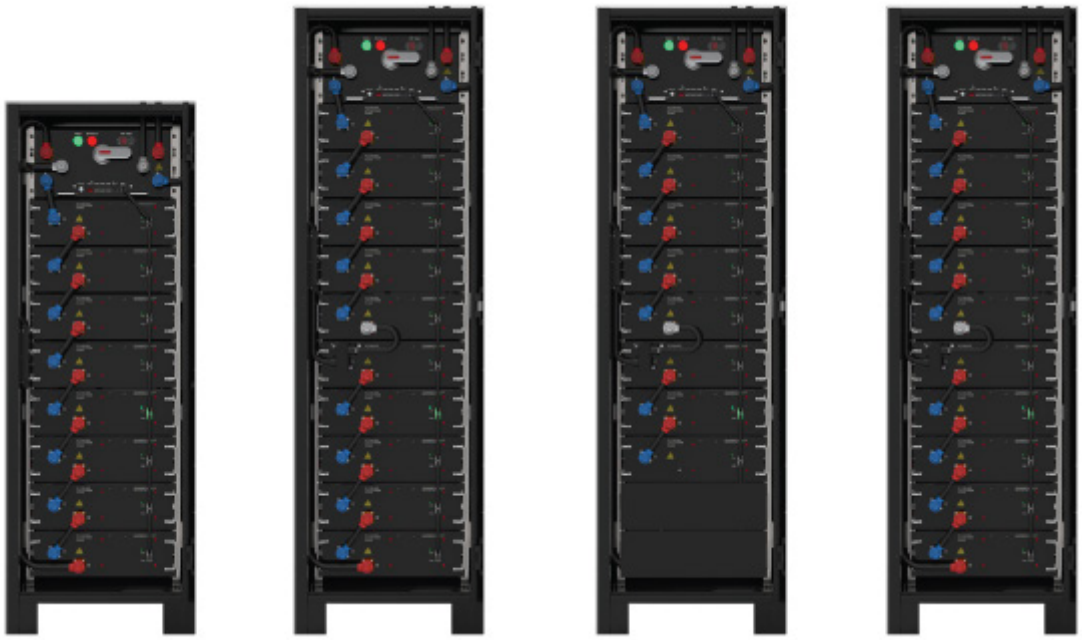
Model	A+ 30U-120	A+ 30U-180	A+ 42U-300	A+ 42U-420	A+ 42U-480	A+ 42U-600
Phase	3-phase in/3-phase out					
CABINET CAPACITY*	120KW	180KW	300KW	420KW	480KW	600KW
BATTERY TYPE	External Battery					
One Power Module Capacity	60KVA/60KW					
Max. Power Module No.	2	3	5	7	8	10
INPUT						
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)					
Voltage Range	-30% ~ +20%					
Nominal Frequency	50/60Hz (Auto sensing)					
Frequency Range	40Hz ~70Hz					
Power Factor	> 0.99 at 100% load, >0.98 at 50% load					
Harmonic Distortion (THDi)	< 3% @ 100% load					
OUTPUT						
Nominal Voltage	3 x 380/400/415 VAC (3Ph+N)					
Voltage Regulation (Steady state)	≤ ± 1% Typical (balanced load) ≤ ± 2% Typical (unbalanced load)					
Nominal Frequency	50/60Hz					
Frequency Range (Synchronized range)	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	≤ >2% THD (Linear Load) ≤ >4% THD (Non-linear Load)					
Efficiency	96%					
BATTERY / CHARGER						
Nominal Voltage	+/- 192V ~ +/- 240V (Selectable)					
Maximum Voltage	+/- 240V (12V x 40 Pcs)					
Minimum Voltage	+/- 192V (12V x 32 Pcs)					
Floating Charge Voltage	2.28V / Cell (2.25 ~2.33 Selectable)					
Boost Charging Voltage	2.35V/Cell					
Temperature Compensation	Yes					
Maximum Charging Current (Per Power Module)	18A (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	1065 x 1000 x 2000	1065 x 1000 x 2000
Net Weight (kgs)	308	352	516	654	932	1020
ENVIRONMENT						
Operation Temperature	0 ~ 40 C					
Relative Humidity	0 ~ 95% non-condensing					
Altitude *	<1000m for Nominal power					
IP Class	IP 20					
MANAGEMENT						
RS-232/USB	Supports Windows family, Linux and MAC					
Optional SNMP	Power management from SNMP manager and web browser					
STANDARDS						
Safety	IEC/EN 62040-1					
EMC	IEC/EN 62040-2 Category C3					

*If the UPS is installed or used in a placewhere the altitude is above than 1000m, the output power must be derated one percent per

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

On-Line Three-Phrase

Lithium-ion Battery for 3-phase Online UPS



SKU: 10122250 - 54

allel
ectivity

23

Display

Features

- Lithium Iron battery LiFePO4 guarantees safety and reliability
- 6C discharge current for 10min application
- - +/- battery voltage with midpoint to support most of UPS battery configuration
- Suitable for wide range of UPS with high-voltage
-
-
-
-
-
-
-

Battery Model		TP 80	TP 100	TP 160	TP 200
SINGLE BATTERY MODULE		51.2V/50AH, 2560Wh	51.2V/50AH, 2560Wh	51.2V/100AH, 5120Wh	51.2V/100AH, 5120Wh
CELL		3.2V 50AH	3.2V 50AH	3.2V 50AH	3.2V 50AH
NUMBERS OF BATTERY MODULES		8	10	8	10
Parameters					
Nominal Voltage		+/- 204.8VDC	+/- 256VDC	+/- 204.8VDC	+/- 256VDC
Charge Voltage		+/217.6-+/-220.8 VDC	+/-272-+/-276VDC	+/217.6-+/-220.8 VDC	+/-272-+/-276VDC
Full Discharge Voltage (FD)		+/- 179.2VDC	+/- 224VDC	+/- 179.2VDC	+/- 224VDC
Typical Capacity		50Ah	50Ah	100AH	100AH
Typical Energy		20.5KWH	25.6KWH	40.96KWH	51.2KWH
Max Discharging Current		250A	250A	510A	510A
Protection		BMS & Circuit Breaker			
Charge Current (Recommend)		10A-25A	10A-25A	10A-25A	10A-25A
Maximum charge current		25A	25A	50A	50A
Discharging Time	10mins*	91kW	114kW	200kW	250kW
	15mins*	80kW	100kW	160kW	200kW
	30mins*	40kW	50.4kW	81kW	101kW
	45mins*	27kW	33.8kW	54kW	68kW
	60mins*	20kW	25.45kW	41kW	51kW
Maximum Supported UPS Capacity**		≤80kW	≤100kW	≤180kW	≤200kW
Recommended Supported UPS Capacity**		≤60kW	≤80kW	≤120kW	≤160kW
Cycle Life		2500 Cycles @25°C,0.5C/2C,100%DOD			
Inner Resistance		≤85 mΩ	≤100mΩ	≤50 mΩ	≤60 mΩ
Operating Temperature	Batch	0°C~50°C			
	Discharge	0°C~65°C			
Compliance Safety		IEC62619, UL9540A, UL1973, CE-LVD(EN62477+62040), CE-EMC(IEC61000-6-2)		IEC62619, IEC60068, UL9540A, UL1973, CE-LVD(EN62477+62040), CE-EMC(IEC61000-6-2)	
PHYSICAL					
Single Battery Modules	Dimension, D x W x H (mm)	690 x 482 x 106	690 x 482 x 106	800 x 482 x 149	800 x 482 x 149
Complete Set	Dimension, D x W x H (mm)	1000 x 600 x 1500	1000 x 600 x 2000	1000 x 600 x 2000	1000 x 600 x 2000
	Net Weight (Kg)	480	550	760	900

*Discharging time is calculated from battery output power, not UPS output power. For the details, please contact UPS maker.
**Maximum supported UPS capacity is based on consideration of UPS efficiency. Recommended supported UPS capacity is based on the consideration of UPS overload. Product specifications are subject to change without further notice.

On-Line Three-Phrase

VFI 100-200k CPG PF1 3/3 BX

General Features
Power Capacity
Output Power Factor
LINE Mode Full Load
Charger
Parallel Work (Units)
Input
Input Voltage Range
Frequency (Synchroniz
Input Type
Output
Nominal Output Volta
Voltage Regulation (B
Frequency (Battery M
Outlets
Battery
Batteries
DC Voltage
Recharge Time
Full Load Backup Time
Half Load Backup Tim
Transfer Time (AC to B
Transfer Time (Inverte

PowerWalker

0k CPG PF1 3/3 BX

	Values			
	100 kVA / 100 kW	120 kVA / 120 kw	180 kVA / 180 kW	200 kVA / 200 kW
	1.0			
	94.0%			
	2 - 36 A, in 2 A step adjustable		3 - 54 A, in 3 A step adjustable	
	3			
	Values			
	305 - 478 VAC at 100% load or 208 - 478 VAC at < 70% load		305 - 478 VAC at 100% load or 208 - 478 VAC at < 70% load	
zed Range)	46 Hz - 54 Hz or 56 Hz - 64 Hz			
	Terminal			
age	3 × 380 / 400 / 415 VAC (3 phase + N +G)			
Battery Mode)	< ± 1% Stationary balanced; < ± 2% Stationary unbalanced; < ± 5% Transitory (load variation 100 - 0 - 100%)			
ode)	± 0.1 Hz			
	Terminal			
	Values			
	Batteries not Included			
	40 × 12.0 V			
	-			
e	-			
ne	-			
attery)	0 ms			
r to Bypass)	0 ms			

On-Line Three-Phrase

Solar Inverter SVN 3/3

VFI EVS 5k

General Features	
Type	
Phases (IN-OUT)	
Form Factor	
Power Capacity	
Output Power Factor	
Input	
Input Voltage Range	
Max THDi	
Frequency Range	
Frequency (Synchronized Range)	
Output	
Waveform	
Nominal Output Voltage	
THDv	
Voltage Regulation (Battery Mode)	
Frequency (Battery Mode)	
Input & Output Connectors	
Input Connector	
Terminal Output	

PowerWalker

Values
Online Single Phase (VFI)
1 - 1
Tower
5000 VA / 5000 W
1.00
Values
110 - 280 V @ 50% Load | 176 - 280 V @ 100% Load
≤ 10%
50 Hz or 60 Hz (self-adaptive)
45 Hz – 55 Hz or 54 Hz – 66 Hz
Values
Pure Sine Wave
230 VAC ± 5%
≤ 3% @ 100% linear load, ≤ 5% @ 100% non-linear load
± 1%
± 0.1 Hz
Values
Terminal
Yes

On-Line Three-Phrase

Solar Inverter SVN 3/3

LiFe Battery

ESS Module
Battery Cell Technology L
Applicable Inverter Ratin
Number of Modules
Usable Energy
Rated Discharging Curren
Peak Discharging Current
Nominal Voltage
Operating Voltage
Charging Current
Dimensions D x W x H (m without feet
Net Weight (kg)

With PDU on top
Applicable Inverter Ratin
Number of Modules
Number of PDU Module
Usable Energy
Rated Discharging Curren
Peak Discharging Current
Net Weight (kg)

General Specifications
Operation Temperature
IP Protection

PowerWalker

System 48-100

	LiFe Battery System			
ithium	Lithium Iron Phosphate			
g	≤ 5.6 kW			
	1	2	3	4
	5 kWh	10 kWh	15 kWh	20 kWh
t	150 A			
	192 A, 1 min			
	51.2 V			
	38 - 56 VDC			
	100 A Max, 30 A Default			
m)	185 × 540 × 320	185 × 540 × 640	185 × 540 × 960	185 × 540 × 1280
	48	96	144	192

	LiFe Battery System with PDU		
g	6 - 12 kW		
	2	3	4
	1		
	10 kWh	15 kWh	20 kWh
t	300 A		
	384 A, 1 min		
	102	150	198

	Values
	0°C - 50°C
	IP20 (Only indoors)