

BOP series

1 Phase In/1 Phase Out Tower Online UPS





2kVA~30kVA

Parallel capability to 1000kVA

Feature

- True double conversion
- Output isolation transformer for complete isolation
- Fully digitalised control
- DC start (cold start), easy to operate
- Friendly man-machine interface, colour LCD touch screen
- Perfect protection function
- Equipped with RPA (redundant parallel connection) function
- Advanced synchronous equalisation control technology
- Optional Wi-Fi function, intelligent monitoring of UPS power supply equipment by mobile phone or tablet PC.

Application >

With excellent grid environment adaptability, it is widely used in rail transit, industry, oil field, public security, troops, communications, radar stations, airports, radio and television, banks, securities, medical systems, electric power, chemical industry, ceramics and other industries.

Introduction

BOP series are 1 Phase In/1 Phase Out industrial frequency online UPS, with capacity from 2kVA to 30kVA, adopting full digital control technology, with perfect detection and protection functions, with output isolation transformer, and each parameter index and reliability are at the first-class level; RS232 interface is equipped as standard, and SNMP network adapter card or RS485 card is optional, so that centralised and remote monitoring and control of the UPS can be conveniently realised. It can conveniently achieve centralised monitoring and remote monitoring of UPS. With RPA (redundant parallel connection) function, 32 UPS can be realised in parallel.



reclinical Specificatio	i										
Model	BOP 2KL	BOP 3KL	BOP 5KL	BOP 6KL	BOP 7.5KL	BOP 10KL	BOP 15KL	BOP 20KL	BOP 30KL		
Capacity (kW)	1.8	2.7	4.5	5.4	6.75	9	13.5	18	27		
Input											
Input voltage range (V a.c)	220±25%; 110±25%										
Frequency range (Hz)	50/60±5% (10% optional)										
Power factor		≥0.9									
Output											
Voltage & regulation (V a.c)	220±1%										
Frequency range (Hz)		S	ynchronous	mode, 50/6	0±0.5%; In	verter mode	, 50/60±0.1	%			
Harmonic distortion (THDV%)		Pure	sinewave, <	≤2.5% THD	(linear load)); ≤3% TH[) (non-linea	r load)			
Parallel load current					-۵ 0/						
imbalance					<5%						
Overload capability			ove	rload 120%	10min; ove	rload 150%	60S				
Current crest ratio					5:1						
Battery											
DC voltage (V d.c)		192									
Туре	2V/6V/12V Sealed maintenance-free battery										
Configuration	16pcs/12V (15 ~ 20pcs adjustable)										
	Standard unit without "L" has built-in										
Type (Internal battery)	12V/7Ah sealed maintenance-free / / / / / /										
	battery.										
Backup time (min)	13	8	6	5	External (Backup tim	e determine	d by battery	capacity)		
Recharge time			10 hours re	cover to 100	0% capacity	/ for standa	d machines	3			
System											
Transfer time (mS)			AC	C←→Batt.: (); Inverter←	→Bypass:	≤ 2				
IP protection				IP20	(Customiza	able)					
Efficiency			,	≥	35%@full lo	ad					
Noise (dB)	<50@1m	<50@1m	<53@1m	<53@1m	<55@1m	<55@1m	<55@1m	<55@1m	<55@1m		
Physical	_						•	1			
Net weight (with batt.	80/45	84/50	95/60	100/65	75	80	135	145	175		
/withour batt.) (kg)	00/43	04/30	93/00	100/03	73	80	100	145	173		
Gross weight (with batt.	90/55	94/60	105/70	110/75	85	90	168	178	208		
/withour batt.) (kg)	90/33	94/00	103/70	110/73	65	90	100	176	206		
Dimension [W x D x H] (mm)	260 x	260 x	260 x	260 x	260 x	260 x	410 x	410 x	410 x		
	620 x	620 x	620 x	620 x	620 x	620 x	870 x	870 x	870 x		
	625	625	625	625	625	625	990	990	990		
Environment											
Operating temperature (°C)	0~45 (Customizable for special circumstances)										
Operating humidity	0-95% (non-condensing)										
Altitude (m)	≤1500										

- Special specification models can be customised according to customer requirements.
- With "L" for long-run machine with battery external..
- Built-in intelligent monitoring function.
- Product specifications are subject to change without further notice.



BOT series

3 Phase In/1 Phase Out Tower Online UPS





7.5kVA ~ 50kVA

Parallel capability to 1000kVA

Feature

- True double conversion
- Output isolation transformer for complete isolation
- Fully digitalised control
- DC start (cold start), easy to operate
- Friendly man-machine interface, colour LCD touch screen
- Perfect protection function
- Equipped with RPA (redundant parallel connection) function
- Advanced synchronous equalisation control technology
- Optional Wi-Fi function, intelligent monitoring of UPS power supply equipment by mobile phone or tablet PC.

Application >

With excellent grid environment adaptability, it is widely used in rail transportation, data centres, oil fields, troops, communications, banks and securities, transportation, electric power, industry and other industries.

Introduction

BOT series are 3 Phase In/1 Phase Out industrial frequency online UPS, capacity from 7.5kVA to 50kVA, the application of full digital control technology, the power device selection of low-loss high-power IGBT, Overload ability, with perfect detection, protection functions; the application of Chinese and English large-screen LCD touch screen, the standard RS232 interface, can be optional SNMP network adapter card or RS485 card, etc., to achieve centralised monitoring and control of the UPS and RS485 card, etc., to achieve the UPS. RS485 card, etc., to achieve centralised monitoring and remote monitoring of the UPS; with RPA (redundant parallel connection) function, can achieve 32 UPS parallel.



Model	BOT7.5KL	BOT10KL	BOT15KL	BOT20KL	BOT30KL	BOT40KL	BOT50KL			
Capacity (kW)	6.75	9	13.5	18	27	36	45			
Input						ı	1			
Input voltage range (V a.c)	380±25%									
Frequency range (Hz)	50/60±5% (±10% optional)									
Power factor		≥0.9								
Output										
Voltage & regulation (V a.c)				220±1%						
Frequency range (Hz)		Synch	ronous mode,	50/60±0.5; Inve	erter mode, 50/6	60±0.1				
Harmonic distortion (THDV%)		Pure sinewa	ve, ≤2.5% THI	D (linear load);	≤3% THD (no	n-linear load)				
Parallel load current imbalance				<5%						
Overload capability			overload 125%	% 10min; overlo	oad 150% 60S					
Current crest ratio				5:1						
Battery										
DC voltage (V d.c)	384									
Туре			2V/6V/12V Sea	aled maintenan	ce-free battery					
Configuration		External, 32pcs/12V (28 ~ 32pcs adjustable)								
Backup time (min)			Backup time d	etermined by b	attery capacity					
System										
Transfer time (mS)			AC←→Batt.	: 0; Inverter←–	Bypass: ≤2					
IP protection			IP:	20 (Customizab	ole)					
Efficiency			,	≥85%@full load	d					
Noise (dB)	<53@1m	<53@1m	<55@1m	<55@1m	<55@1m	<58@1m	<58@1m			
Physical										
Net weight (kg)	110	115	125	135	165	194	-			
Gross weight (kg)	143	148	158	168	198	234	-			
Dimension [W x D x H] (mm)	410 x 870 x 990 Customizable									
Environment										
Operating temperature (°C)	0~45 (Customizable for special circumstances)									
Operating humidity	0-95% (non-condensing)									
Altitude (m)	≤1500									

[•] Special specification models can be customised according to customer requirements.

[•] With "L" for long-run machine with battery external..

[•] Built-in intelligent monitoring function.

[•] Product specifications are subject to change without further notice.



BOD-B series

3 Phase In/3 Phase Out Tower Industrial Intelligent Parallel On-grid Online UPS





6 Pulse 6k ~ 60kVA
Parallel capability to 2000kVA

Feature

- True double conversion
- Output isolation transformer for complete isolation
- Fully digitalised control with dual-core DSP
- IGBT+SVPWM (space vector modulation) technology.
- Apply advanced synchronous equalisation control and CAN bus parallel communication
- Industrial powerful high-speed centrifugal fan cooling
- Perfect protection function
- 6-pulse rectification
- GCI parallel operation function
- Friendly man-machine interface, colour LCD touch screen
- Installation mode: floor-standing, the bottom contains directional wheels (can be disassembled)
- Optional Wi-Fi function, with mobile phones or tablet PCs on the UPS power supply equipment for intelligent monitoring man-machine interface using LCD touch screen

Application >

It is widely used in rail transportation, data centres, oil fields, public security, communications, radar stations, electric power, heavy industry, airports, radio and TV broadcasting, banks, securities and medical systems.

Introduction

BOD-B series are a new self-developed intelligent triple-input/triple-output double-conversion online UPS with high reliability and high cost performance, and owns a number of related patents, with capacity from 6kVA to 60kVA. the main controller of this series of UPS is the most advanced DSP, and the power device adopts the low-loss high-power IGBT, and applies the Space Vector Modulation (SVPWM) technology, which has perfect detection and protection functions, and the technical indexes are among the best. Perfect detection and protection functions, each technical index is at the first-class level, can be run alone or in parallel; optimized structural design and heat dissipation design, compact structure, high efficiency and energy saving; standard RS232/485/422 interface and RJ-45 interface, optional Wi-Fi function, with mobile phones or tablet PCs to achieve intelligent monitoring of the UPS; intelligent management of the battery, optional wireless intelligent monitoring module. Wireless intelligent monitoring module.



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Model	BOD6KL-B	BOD10KL-B	BOD15KL-B	BOD20KL-B	BOD30KL-B	BOD40KL-B	BOD60KL-B				
Capacity (kW)	5.4	9	13.5	18	27	36	54				
Input											
Input voltage range (V a.c)	380±25%										
Frequency range (Hz)		±5%									
Power factor		≥0.95									
Output											
Voltage & regulation (V a.c)		380±1%									
Voltage phase deviation				120°±1°							
Voltage unbalance	ba	lanced load < 1	%; 50%unbal	anced load < 3	%; 100%unba	alanced load <	5%				
Harmonic distortion (THDV%)		Pure sinewave, ≤2.5% THD (linear load); ≤3% THD (non-linear load)									
Overload capability		overload 125% 10min; overload 150% 60S									
Current crest ratio				3:1							
Battery											
DC voltage (V d.c)	384 (Customizable-192V d.c, 240V d.c, 280V d.c, 480V d.c, 576V d.c and other voltage)										
Туре		2V/6V/12V Sealed maintenance-free battery									
Configuration	32pcs/12V (28-34pcs adjustable)										
Backup time	Backup time determined by battery capacity										
System											
Voltage transient recovery				<10							
time (mS)				<10							
Transfer time (mS)			AC←→Batt.	: 0; Inverter←–	→Bypass: ≤2						
IP protection			IP:	30 (Customizat	ole)						
Efficiency	≥90% (Inverter full load), ≥97% (ECO mode)										
Noise (dB)	<55@1m										
Physical											
Net weight (kg)	125	130	165	180	235	255	280				
Gross weight (kg)	158	263	198	213	268	288	313				
Dimension [W x D x H] (mm)	410 x 870 x 990										
Environment											
Operating temperature (°C)		0~45 (Customizable for special circumstances)									
Operating humidity	0-93% (non-condensing)										
Altitude (m)		≤2000									

- The above parameters are based on 6-pulse plus PFC model.
- With "L" for long-run machine with battery external, parallel machine can share the battery pack.
- · Special specification models can be customised according to customer requirements.
- Product specifications are subject to change without further notice.



BOD series

3 Phase In/3 Phase Out Industrial Intelligent Parallel On-grid Online UPS



Capacity >

6/12 Pulse 10kVA-300kVA SCR/IGBT rectification Parallel capability to 20000kVA

Feature

- True double conversion
- Wide voltage range input, output fully isolated
- Dual-core DSP full digital control
- 6th generation IGBT devices + advanced SVPWM
- 3PH split-regulation, balanced voltage stabilisation
- Advanced redundant parallel connection technology, easy to expand capacity
- GCI parallel operation function
- Perfect protection function
- Reliable load-carrying capability
- Industrialised design, adapt to the harsh electrical environment
- Friendly man-machine interface, equipped with large
- LCD touch screen
- Multiple network monitoring interface: RS232\RS485\RJ45\ dry contact optional Wi-Fi function, with mobile phones or tablet PCs on the UPS power supply equipment for intelligent monitoring

Application

It is widely used in rail transportation, data centre, oil field, public security, army, communication, radar station, electric power, industrial site, airport, broadcasting and TV, bank, securities and medical system.

Introduction

BOD series are a 3 Phase In/3 Phase Out Industrial double-conversion online UPS, capacity from 10kVA~300kVA, this series of UPS adopts the 6th generation of IGBT power devices and static switches, the application of the latest type of dual-core DSP to achieve the full digital control; the use of industrial-grade high-standard design, the internal electrical connection of conductive alloys outsourcing the way of low-smoke halogen-free resin, which can withstand high voltage of 20,000 volts, clear, beautiful structure, good heat dissipation, and can resist 20,000 volts of high voltage. Clear, beautiful structure, good heat dissipation, greatly reducing the volume and weight of the power supply; with perfect detection and protection functions, each parameter index basically reaches the level of a national standard; the use of Chinese and English interface colour LCD touch screen, configure RS232, RS485 and other interfaces, optional SNMP card, can achieve intelligent monitoring of the UPS.



recillical Specific													
Model	BOD 10KL	BOD 15KL	BOD 20KL	BOD 30KL	BOD 40KL	BOD 60KL	BOD 80KL	BOD 100KL	BOD 120KL	BOD 160KL	BOD 200KL	BOD 250KL	BOD 300KL
Capacity (kW)	9	13.5	18	27	36	54	72	90	108	144	180	225	270
Input													
Input voltage range (V a.c)		380±25%											
Frequency range (Hz)		50/60±5% (10% optional)											
Power factor		≥0.95											
Output													
Voltage & regulation (V a.c)		380±1%											
Frequency range (Hz)				Synch	ronous n	node, 50	/60±1; In	verter m	ode, 50/6	60±0.1			
Harmonic distortion			Pura	sinewa	ve ≤2%	THD (lir	near Inac	d); ≤3%	THD (no	n-linear	load)		
(THDV%)			i uit	Janicwa	VC, ~270	, 111D (III	icai ioac	1), <570	טוו) לוווי	in-inicai	ioau)		
Voltage phase deviation							120°±1°	•					
Voltage unbalance		t	palanced	load<1%	% ; 50%<	unbalan	ced load	<3%; 10	00% <unl< td=""><td>balanced</td><td>l load<5%</td><td>6</td><td></td></unl<>	balanced	l load<5%	6	
Parallel load current							≤5%						
imbalance							~070						
Overload capability		overload 125% 10min; overload 150% 60S											
Current crest ratio		5:1											
Battery													
DC voltage (V d.c)	384 (Customizable-192V d.c, 220V d.c, 280V d.c, 480V d.c, 576V d.c and other voltage)												
Туре		2V/6V/12V Sealed maintenance-free battery											
Configuration		External, 32pcs/12V (28 ~ 34pcs adjustable)											
Backup time				E	Backup ti	ime dete	rmined b	y battery	/ capacit	ty			
System													
Transfer time (mS)					AC←-	→Batt.: 0	; Inverter	·—→Вур	ass: <2				
IP protection						IP20	(Custom	izable)					
Efficiency				≥	90% (Inv	erter ful	l load);	≥97% (E	CO mod	de)			
Noise (dB)	<55 @1m	<55 @1m	<55 @1m	<55 @1m	<55 @1m	<58 @1m	<58 @1m	<58 @1m	<63 @1m	<63 @1m	<63 @1m	<63 @1m	<63 @1m
Physical		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>
Net weight (kg)	255	265	270	295	327	430	507	515	605	665	1140	1200	1300
Gross weight (kg)	300	310	315	340	372	475	552	560	650	710	1205	1265	1365
Dimension [W x D x H]													
(mm)		800 x 600 x 1500 1000 x 800 x 1800						1800					
Environment													
Operating temperature				0	45 (Cua	4 a mai — a h l		aial aire		\			
(°C)				0-	~45 (CUS	tomizabl	e ior spe	ecial circu	ıınsıance	#S)			
Operating humidity	0-95% (non-condensing)												
Altitude (m)		≤4000											
The above personators are b	ased on 6/12 pulse plus PEC (Power Factor Correction) models												

- The above parameters are based on 6/12 pulse plus PFC (Power Factor Correction) models.
- $\hbox{\bf \cdot} \ \mbox{With "L" for long-run machine with battery external, parallel machine can share the battery pack.}$
- Special specification models can be customised according to customer requirements.
- Product specifications are subject to change without further notice.



BOD series

3 Phase In/3 Phase Out Industrial Intelligent Parallel On-grid Online UPS



Capacity

18 Pulse 400kVA-600kVA SCR/IGBT rectification Parallel capability to 20000kVA

Feature

- True double conversion
- Wide voltage range input, output fully isolated
- Dual-core DSP full digital control
- 6th generation IGBT devices + advanced SVPWM
- 3PH split-regulation, balanced voltage stabilisation
- Advanced redundant parallel connection technology, easy to expand capacity
- GCI parallel operation function
- Perfect protection function
- Reliable load-carrying capability
- Industrialised design, adapt to the harsh electrical environment
- Friendly man-machine interface, equipped with large
- LCD touch screen
- Multiple network monitoring interface: RS232\RS485\RJ45\ dry contact optional Wi-Fi function, with mobile phones or tablet PCs on the UPS power supply equipment for intelligent monitoring

Application

It is widely used in rail transportation, data centre, oil field, public security, army, communication, radar station, electric power, industrial site, airport, broadcasting and TV, bank, securities and medical system.

Introduction

BOD series are a 3 Phase In/3 Phase Out Industrial double-conversion online UPS, capacity from 400kVA~600kVA, this series of UPS adopts the 6th generation of IGBT power devices and static switches, the application of the latest type of dual-core DSP to achieve the full digital control; the use of industrial-grade high-standard design, the internal electrical connection of conductive alloys outsourcing the way of low-smoke halogen-free resin, which can withstand high voltage of 20,000 volts, clear, beautiful structure, good heat dissipation, and can resist 20,000 volts of high voltage. Clear, beautiful structure, good heat dissipation, greatly reducing the volume and weight of the power supply; with perfect detection and protection functions, each parameter index basically reaches the level of a national standard; the use of Chinese and English interface colour LCD touch screen, configure RS232, RS485 and other interfaces, optional SNMP card, can achieve intelligent monitoring of the UPS.



Capacity (kW) 3600 4500 5400 Input Input voltage range (V a.c) 380±25% Frequency range (Hz) 50/60±5% (10% optional) Power factor ≥0.95 Output Voltage & regulation (V a.c) Frequency range (Hz) Synchronous mode, 50/60±1; Inverter mode, 50/60±0.1 Harmonic distortion (THDV%) Pure sinewave, ≤2% THD (linear load); ≤3% THD (non-linear load) Voltage phase deviation 120°±1° Voltage unbalance balanced load<1%; 50% <unbalanced 100%<unbalanced="" load<3%;="" load<50<="" td=""> Parallel load current imbalance ≤5% Overload capability overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery 5 DC voltage (V d.c) 768 Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System Transfer time (mS) AC → Batt.: 0; Inverter → Bypass: <2 IP protection IP20 (Customizable) Efficiency >90% (Inverter full load); >97% (ECO mode) Noi</unbalanced>	Indel	OKI	PODE00KI	BOD600KL					
Input Input voltage range (V a.c) 380±25% Frequency range (Hz) 50/60±5% (10% optional) Power factor ≥0.95 Output 380±1% Voltage & regulation (V a.c) 380±1% Frequency range (Hz) Synchronous mode, 50/60±1; Inverter mode, 50/60±0.1 Harmonic distortion (THDV%) Pure sinewave, <2% THD (linear load); <3% THD (non-linear load)			BOD500KL						
Input voltage range (V a.c) 380±25%		0	4500	5400					
Frequency range (Hz) 50/60±5% (10% optional) Power factor ≥0.95 Output 380±1% Voltage & regulation (V a.c) 380±1% Frequency range (Hz) Synchronous mode, 50/60±1; Inverter mode, 50/60±0.1 Harmonic distortion (THDV%) Pure sinewave, ≤2% THD (linear load); ≤3% THD (non-linear load) Voltage phase deviation 120°±1° Voltage unbalance balanced load<1%; 50% <unbalanced 100%<unbalanced="" load<3%;="" load<56<="" td=""> Parallel load current imbalance ≤5% Overload capability overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery DC voltage (V d.c) Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2</unbalanced>			000 050/						
Power factor ≥0.95 Output Voltage & regulation (V a.c) 380±1% Frequency range (Hz) Synchronous mode, 50/60±1; Inverter mode, 50/60±0.1 Harmonic distortion (THDV%) Pure sinewave, ≤2% THD (linear load); ≤3% THD (non-linear load) Voltage phase deviation 120°±1° Voltage unbalance balanced load<1%; 50% <unbalanced 100%<unbalanced="" load<3%;="" load<50<="" td=""> Parallel load current imbalance ≤5% Overload capability overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery 768 Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System AC → Batt.: 0; Inverter → Bypass: <2</unbalanced>									
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Voltage & regulation (V a.c) 380±1% Frequency range (Hz) Synchronous mode, 50/60±1; Inverter mode, 50/60±0.1 Harmonic distortion (THDV%) Pure sinewave, <2% THD (linear load); <3% THD (non-linear load) Voltage phase deviation 120°±1° Voltage unbalance balanced load<1%; 50% <unbalanced 100%<unbalanced="" load<3%;="" load<5°<="" th=""> Parallel load current imbalance ≤5% Overload capability overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery DC voltage (V d.c) 768 Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System AC←→Batt.: 0; Inverter←→Bypass: <2 IP protection IP20 (Customizable) Efficiency >90% (Inverter full load);>97% (ECO mode) Noise (dB) <66@1m Physical</unbalanced>		≥ 0.95							
Frequency range (Hz) Synchronous mode, 50/60±1; Inverter mode, 50/60±0.1 Harmonic distortion (THDV%) Pure sinewave, ≤2% THD (linear load); ≤3% THD (non-linear load) Voltage phase deviation 120°±1° Voltage unbalance balanced load<1%; 50% <unbalanced 100%<unbalanced="" load<3%;="" load<50<="" td=""> Parallel load current imbalance ≤5% Overload capability overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery DC voltage (V d.c) 768 Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System AC → Batt.: 0; Inverter → Bypass: <2</unbalanced>									
Harmonic distortion (THDV%) Pure sinewave, ≤2% THD (linear load); ≤3% THD (non-linear load) Voltage phase deviation 120°±1° Voltage unbalance balanced load<1%; 50% <unbalanced (customizable)="" (ms)="" (v="" 0;="" 100%<unbalanced="" 10min;="" 125%="" 12v="" 150%="" 2v="" 5:1="" 60s="" 64pcs="" 6v="" <2="" ac←→batt.:="" backup="" battery="" by="" capacity="" configuration="" crest="" current="" d.c)="" dc="" determined="" efficiency="" external,="" imbalance="" inverter←→bypass:="" ip="" ip20="" load="" load<3%;="" load<56="" maintenance-free="" overload="" parallel="" physical<="" protection="" ratio="" sealed="" system="" td="" time="" transfer="" type="" verload="" voltage="" ©=""><td>J J , ,</td><td></td><td></td><td></td></unbalanced>	J J , ,								
Voltage phase deviation 120°±1° Voltage unbalance balanced load<1%; 50% <unbalanced 100%<unbalanced="" load<3%;="" load<5%<="" td=""> Parallel load current imbalance ≤5% Overload capability overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery DC voltage (V d.c) Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System AC←→Batt.: 0; Inverter←→Bypass: <2</unbalanced>			· · · · · · · · · · · · · · · · · · ·						
Voltage unbalance balanced load<1%; 50% <unbalanced 100%<unbalanced="" load<3%;="" load<5%<="" td=""> Parallel load current imbalance ≤5% Overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery 5:1 DC voltage (V d.c) 768 Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2</unbalanced>		e sinewave, ≤2	·	D (non-linear load)					
Parallel load current imbalance Overload capability Overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery DC voltage (V d.c) Tobe 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2 IP protection IP20 (Customizable) Efficiency Power (Inverter full load);≥97% (ECO mode) Noise (dB) Physical	oltage phase deviation								
Overload capability overload 125% 10min; overload 150% 60S Current crest ratio 5:1 Battery DC voltage (V d.c) 768 Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System AC←→Batt.: 0; Inverter←→Bypass: <2	oltage unbalance	balanced load<1%; 50% <unbalanced 100%<unbalanced="" load<3%;="" load<5%<="" td=""></unbalanced>							
Current crest ratio 5:1 Battery DC voltage (V d.c) 768 Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2	arallel load current imbalance		≤5%						
Battery DC voltage (V d.c) Type 2V/6V/12V Sealed maintenance-free battery External, 64pcs/12V Backup time Backup time determined by battery capacity System Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2 IP protection IP20 (Customizable) Efficiency Noise (dB) Physical	verload capability	overload 125% 10min; overload 150% 60S							
DC voltage (V d.c) 768 Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2	urrent crest ratio	5:1							
Type 2V/6V/12V Sealed maintenance-free battery Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2 IP protection IP20 (Customizable) Efficiency ≥90% (Inverter full load);≥97% (ECO mode) Noise (dB) <66@1m Physical	attery								
Configuration External, 64pcs/12V Backup time Backup time determined by battery capacity System AC←→Batt.: 0; Inverter←→Bypass: <2	C voltage (V d.c)	768							
Backup time Backup time determined by battery capacity System Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2 IP protection IP20 (Customizable) Efficiency ≥90% (Inverter full load);≥97% (ECO mode) Noise (dB) <66@1m Physical	/pe	2V/6V/12V Sealed maintenance-free battery							
System AC←→Batt.: 0; Inverter←→Bypass: <2 IP protection IP20 (Customizable) Efficiency ≥90% (Inverter full load);≥97% (ECO mode) Noise (dB) <66@1m	onfiguration	External, 64pcs/12V							
Transfer time (mS) AC←→Batt.: 0; Inverter←→Bypass: <2 IP protection IP20 (Customizable) Efficiency ≥90% (Inverter full load);≥97% (ECO mode) Noise (dB) <66@1m	ackup time	·							
IP protection IP20 (Customizable) Efficiency ≥90% (Inverter full load);≥97% (ECO mode) Noise (dB) <66@1m	ystem								
Efficiency ≥90% (Inverter full load);≥97% (ECO mode) Noise (dB) <66@1m	ransfer time (mS)	AC←→Batt.: 0; Inverter←→Bypass: <2							
Noise (dB) <66@1m Physical	protection	1							
Physical	fficiency	1							
	oise (dB)								
Dimension [M × D × H] (mm) 2100 × 1100 × 2000	hysical								
DITTIELISION [VV X D X D] (ITIIII) 2 100 X 1100 X 2000	imension [W x D x H] (mm)	2100 x 1100 x 2000							
Net weight (kg) 2620 3075 3530	et weight (kg)	0	3075	3530					
Gross weight (kg) 2750 3205 3660		0	3205	3660					
Environment	nvironment								
Operating temperature (°C) 0~45 (Customizable for special circumstances)	perating temperature (°C)	0~45 (Cı	ustomizable for special circums	tances)					
Operating humidity 0-95% (non-condensing)	perating humidity	0-95% (non-condensing)							
Altitude (m) ≤4000	titude (m)		≤4000						

- The above parameters are based on 18 pulse plus PFC (Power Factor Correction) models.
- $\hbox{- With "L" for long-run machine with battery external, parallel machine can share the battery pack.}\\$
- Special specification models can be customised according to customer requirements.
- Product specifications are subject to change without further notice.