

## B Series (10-40kW)



- Finance
- Data center
- Transportation
- Commercial facility
- Intelligent equipment
- Medical industry

### General Features:

- Wide input voltage range -15%~+20% for higher grid adaptability
- DSP control for high performance
- Intelligent fan speed control reduce noise and prolong fan life
- Anti-corrosion resistant coating for all PCB boards
- Full protection with input, output, bypass, maintenance bypass and battery breaker
- ECO mode and EPO function
- Output power factor up to 0.8, more powerful to connect more critical loads
- IGBT technology for higher efficiency and less interference to grid
- Adjustable output voltage
- Built-in battery and flexible battery configuration
- Easy onsite parallel slot modification
- Wheel design
- Optional galvanic isolation transformer

## Technical Specification

MODEL	B10	B20	B30	B40
<b>INPUT</b>				
Phase	3.3/3.1/1:1		3.3/3.1	
Voltage (Vac)	187-280 (L-N)/323-482 (L-L)		187-280 (L-N)/323-482 (L-L)	
Frequency (Hz)	45-65			
Power Factor	≥0.99			
THDi at full Linear load	<8% (linear load)			
Dual Main Input	Optional			
<b>OUTPUT</b>				
Capacity (kVA)	10	20	30	40
AC/AC Efficiency (Max.)	91%			
Power Factor	0.8			
Voltage (Vac)	220/230/240±1% (L-N) 380/400/415±1%(L-L)			
Frequency (Hz)	50/60±0.1 (battery mode)			
THDv	≤2% (linear load), ≤5% (non-linear load)		≤2% (linear load), ≤5% (non-linear load)	
Crest Factor	3.1			
Overload	110% load for 60 mins, 125% load for 10 mins, 150% load for 1 min, above 150 load for 200ms			
EPO	Remote and Local			
Cold Start	Yes			
<b>BATTERY</b>				
Voltage (Vdc)	±372VDC			
Internal Battery	62x4.5/7/9AH/12V		62x7/9AH/12V	
Charging Current (A)	1-5 settable		1-7 settable	
<b>GENERAL</b>				
Communication Interface	RS485+EPO+Dry contact (SNMP is optional in slot)			
Display	LCD+ Physical buttons			
Alarm	Low battery, abnormal AC input, UPS failure, etc.			
Protection	Low battery, overload, short-circuit and over temperature, etc.			
Noise (dB)	<55			
Working Temperature (°C)	-5-40			
Relative Humidity	0 ~ 95%, no condensation			
Altitude (m)	2000, no derate			
Dimension (W×D×H)(mm)	400×780×1070			520×900×070

• Specification is subject to change without prior notice.