





**TRUE ON-LINE  
3 PHASE INPUT  
3 PHASE OUTPUT**



## Technical Specifications

- Output isolation transformer
- Up to 91% efficiency
- Static by-pass
- External REPO switch input
- 5 control buttons LCD alphanumeric display
- brings detailed monitoring of measured parameters.
- 128 events alarm memory (4000 alarms)
- Clock and calendar (battery supported)
- Advanced battery management controls charge system battery test
- High performance at non-linear loads
- Dry contact simulation function
- Dial-up modem connection and setup
- Custom input voltage and frequency ranges
- Parallel operation up to 4 devices
- According to EC Directive; EN62040
- SNMP communication
- Optional MODBUS adapter

Model	JCB 310	JCB 315	JCB 320	JCB 330	JCB340	JCB 360	JCB 380
Power	10 kVA	15 kVA	20 kVA	30 kVA	40 kVA	60 kVA	80 kVA
<b>Input</b>							
Voltage	380/400Vac 3 Phase +Neutral+Earth+/-15%						
By-pass Voltage	380/400 VAC Phase + Neutral +/-10%						
Frequency	50Hz( 60 Hz optional),+/-5%						
Max RFI	EN62040-2						
Input Voltage Protection	Electronic input voltage out of tolerant protection						
<b>Output</b>							
Power (kW)	8	12	16	24	32	48	64
Power Factor	0.8						
Voltage	380/400 VAC,3 Phase+Neutral						
Voltage Tolerance	+/-1%						
Voltage Regulation Time	Max 25 msec						
Frequency	50Hz/60Hz						
Frequency Tolerance	synchron+/-2% free running+/-0,2%						
Efficiency (100% Load)	88-90%					90%	
Crest Factor	3:1						
Overload Protection	100%-125% load :10 mins. 126%-150% load :1 min. >150% load :by-pass						
Short Circuit Protection	Electronic protection						
THD(Total Harmonic Distortion)	Linear Load: <3% Non linear load: <5%						
Output Voltage Protection	Electronic out of tolerant protection						
<b>Model</b>							
Type	Maintenance free sealed lead acid						
Batteries	30						
Charge Voltage	405 VDC						
Discharge End Voltage	300 VDC						
Ambient Temperature	25°C						
Battery Protection	Battery fuse, battery voltage low and high protection(3 levels)						
Battery Test	Standard automatic every 72 hours or manual						
Temperature Compansation	Available as option						
<b>General</b>							
Human Interface	Alphanumeric LCD panel, mimic lamps and control buttons						
Communication	Dry contact and RS232						
Software	T-Mon UPS Software (3 clients)						
Operating Temperature	0°C – 55°C						
Cooling	Air cooling						
Humidity(non condensed)							
Protection							
Altitude	< 56 dBA			< 60 dBA			
Weight (without batteries) (kg)	220	260	260	290	415	465	595
Dimensions (mm) WxDxH	1150x505x655				1390x575x820		1450x720x820
Overtemperature Protection	Electronic protection						



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