



# JCB 300 HI SERIE



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**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 adapto

Model	JCB 3100	JCB 3120	JCB 3160	JCB 3200	JCB 3250	JCB 3300
Power	100 kVA	120 kVA	160 kVA	200 kVA	250 kVA	300 kVA
<b>Input</b>						
Voltage	220/400 Vac 3 Phase +N. +/-15%					
By-pass Voltage	220/400 Vac 3 Phase +N. +/-15%					
Input Frequency	50Hz, +/-5%					
EMI	EN50091-2 Class A					
Input Voltage Protection	Electronic input out of tolerant protection					
<b>Output</b>						
Power (kW)	80	96	128	160	200	240
Power Factor	0,8					
Voltage	220/400 VAC,3 Phase+N					
Frequency	50Hz(60Hz On request)					
Frequency Tolerance	+/-2% (Line Synchronized) * +/-0,2%(Free Running)					
Efficiency at 100% Load	%90-92					
Crest Factor	3:1					
Overload Protection	100% 125% load :10 min * 125% 150% load :1 min. * <150%load:by-pass					
Short Circuit Protection	Electronic shortn circuit protection					
Voltage out of Tolerant Protection	Electronic out of tolerant protection					
Total Harmonic Distortion	<3%					
THD	Non Linear Load <%5					
<b>Batteries</b>						
Battery Type	Sealed Lead Acid- Maintenance Free					
Number of Batteries	30			32		
Float Charging Voltage	405 VDC			432 VDC		
End of Discharge Voltage	300 VDC			320VDC		
Ambient Temperature	25°C					
Battery Voltage Protection	Electronic Battery out of Tolerant Protection					
Battery Protection	Automatic circuit breaker					
Battery Test	Automatic every 72 hours					
<b>General</b>						
Communication	RS232 + Dry Contacts					
Temperature Range	0 C° - 40 C°					
Humidity (Non- Condensed)	90% (Non-Condensed)					
Protection Degree	IP20					
Altitude	<1000m above sea level					
Noise Level	<65 dBA			<70 dBA		
Weight without batteries (kg)	750	765	810	970	1330	1370
Dimensions (mm) HxWxD	1650x1100x800		1730x1195x870		1880x1565x925	
Ventilation	Forced air cooling					
<b>Options</b>			<b>Accessories</b>			
Input Transformers	Galvanic isolation transformer at the input(in the external cabinet)			<b>Monitoring and Control Software</b>		T-MON 3 client standart
Input THD	<10% (with 18 pulse rectifier, according to UPS range) 5%(with 18 pulse rectifier, + filter)up to 80 kVA			<b>Multiserver Shutdown Unit</b>		Available as option
Parallel Operation	1+3 Systems(N+1 redundant, redundant, symetric parallel)			<b>SNMP Communication Adaptor</b>		Available as option
MBS	Maintenance by-pass switch for complete isolation (for 206,207&210)			<b>Serial Port Enhancer</b>		Available as option
				<b>ModBus Communication Adaptor</b>		Available as option(over RS485 or over TCP/IP)





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