



JCB 100 SERIE



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



Technical Specifications

- Output isolation transformer
- 91% efficiency
- Static by-pass
- LCD front panel
- 64 events memory
- RS232 port provides remote monitoring, remote shutdown
- Custom input and output voltage ranges

Model	JCB 102	JCB 103	JCB 105	JCB 107	JCB 110	JCB 115
Power	2 kVA	3 kVA	5 kVA	7 kVA	10 kVA	15 kVA
Input						
Voltage	220/230/VAC Phase +Neutral+Earth+/-15%					
By-pass Voltage	220/230 VAC, +/-10%					
Frequency	50Hz/60Hz,+/-5%					
EMI	EN62040-2					
Current	13A	19A	30A	44A	58A	87A
Input Frequency	50 Hz(60Hz Special Product), +/-5%					
Input Voltage Protection	Electronic input voltage out of tolerant protection					
Output						
Power (kW)	1.3	1.95	3.25	4.55	7	10.5
Power Factor	0.65					
Voltage	220/230 VAC, Phase+Neutral					
Voltage Tolerance	+-1%					
Frequency	50Hz(60Hz special product)					
Frequency Tolerance	+/-2% (synchron) +/-0,2%(free running)					
Efficiency 100% Load	85-87%			86-90%		
THD (Total Harmonic Distortion)	<3% (linear load) <5%(non linear load)					
Crest Factor	3:1					
Overload Protection	100%125% load :10 mins. 126%150% load :1 min. >150%load:by-pass					
Short Circuit Protection	Electronic short circuit protection					
Output Voltage Protection	Electronic output voltage out of tolerant protection					
Battery						
Type	Maintenance free sealed lead acid					
Batteries	14	14	16	18	20	20
Charge Voltage	189VDC	189VDC	216VDC	243VDC	270VDC	270VDC
Discharge End Voltage	140VDC	140VDC	160VDC	180VDC	200VDC	200VDC
Battery Cabinet	internal				external	
Ambient Temperature	25°C					
Battery Protection	Battery fuse, battery voltage low and high protection(3 level)					
Battery Test	Available as option					
Temperature Compansation	Available as option					
General						
Operating Temperature	0°C – 40°C					
Noise Level	< 42 dBA	< 45 dBA	< 45 dBA	< 50 dBA	< 50 dBA	< 55 dBA
Protection	IP20					
Operating Altitude	<2000m					
Humidity(Non Condensed)	<90%					
Weight (without batteries) (kg)	50	55	60	75	85	112
Dimensions (mm) WxDxH	265x585x505		265x600x590	265x660x640	265x740x720	300x810x720
Interface	Alphanumeric LCD panel, mimic lamps and control buttons					
Communication	RS232+dry contact					
Software	T-Mon Ups software(3 clients)					
Overttemperature Protection	Electronic overtemperature protection					



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