



# Leapfrog Creatr'14 Single DATASHEET

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## 1. Technical specifications

Specification	Metric	Imperial		
Physical dimensions (DWH)*	600 x 500 x 500 mm	23.6 x 19.7 x 19.7 inch		
Input power**	85-133VAC / 170-264VAC			
Input frequency	47 - 63 Hz			
Power consumption	4 Amp. @230V / 6.4 Amp. @ 115V			
Build size single extruder (DWH)	270 x 230 x 200 mm	10.6 x 9.1 x 7.9 inch		
Build volume	12.4L.	2.7Gal.		
Heated bed	Max. 90°C	Max. 194°F		
Hot end	Max. 275°C	Max. 527°F		
Number of extruders	1			
Extruder size	0.35 mm	0.014 inch		
Filament size	1.75 mm	0.069 inch		
Layer thickness	0.02 – 0.35 mm	0.00079 – 0.014 inch		
Max. print speed (DW)	3600 mm/min.	60 mm/sec.	142 inch/min.	2.4 inch/sec.
Max. travel speed (DW)	21000 mm/min.	350 mm/sec.	827inch/min.	14 inch/sec.
Stepper motors	1.8° Step angle with 1/16 micro stepping			
Positioning accuracy (DW)	0.0169 mm		0.00067 inch	
Positioning accuracy (H)	0.02 mm		0.00079 inch	
Body/frame construction	Aluminium extrusion profiles			
Printbed Z-levelling	4-knob hand levelling			
Internal OS	Linux			
USB standalone format	.gcode format			
USB connection to computer	Virtual COM port			

\*DWH: Depth, Width, Height. Coordinate system reference Y, X, Z

\*\*Power input is set by Leapfrog, customers cannot change power input between 230/110V

## 2. Non-disclosure

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