

TECHNICAL DATASHEET



iBATT 100



A stainless steel battery enclosure system for Zone 1 hazardous areas

Designed for industrial back up power

ATEX and IECEx Zone 1 and 2 certified

Batteries connected in series for superior performance and longer life

Includes two 12V lead acid batteries

Highly rugged and durable

Rechargeable in hazardous areas

Lockable hinged lid for easy access with security

Use alongside iUPS101 UPS solutions

Low maintenance and practical to install

www.extronics.com | info@extronics.com | +44 (0) 845 277 5000

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SPECIFICATION



Certification	Ex II 2 G Ex e IIC T6 Gb	
Housing	316L stainless steel	
Ingress protection rating	IP43 (Ex rating) / IP45 (non-Ex rating)	
Dimensions	610 x 515 x 370 mm	
Weight	120 kg	
Voltage/Capacity	24 VDC @ 150 aH	
Batteries	2 x 12V valve regulated lead acid type, rechargeable	
Connections	Via Ex e cable glands	
Operating temperature	-20°C to +55°C	
Maximum charge voltage	29.4 V	
Maximum charge current	40.5 A	
Maximum discharge current	160 A	
Charging environment	Hazardous or safe area	
Battery run time	Power (VA)	Battery run time (minutes) to 1.67Vpc @ 20°C
	500	336
	1000	154
	1500	90
	2000	70
	2500	50
	3000	39

Email info@Extronics.com or call +44 845 277 5000 to find out more information or request a quotation for an iBATT100.