

Yucel 12V Batteries

General Purpose, 12VDC Lead-Acid Batteries



- General Purpose VRLA batteries
- Operates in any orientation
- EUROBAT Classification
- Superior Life Lead-Calcium Grids

This family of Yucel 12VDC rechargeable batteries from the renowned Yuasa Company, has been selected by Dycon as it complements the advanced features of Dycon's extensive range of power supplies, features that include low voltage cut-off, to avoid battery deep discharge and, on the 'Intelligent' range, full battery impedance checks to give prior warning of impending battery problems. The range provides reliable standby power from 2.1Ah, 7Ah, 17Ah, 24Ah to 38Ah for all intruder, access control, fire, CCTV and building management systems. The 24Ah and 38Ah versions are ideal for supplying the higher power needed for larger access control and EN50131 Grade 4 intruder systems. For 24VDC systems and usage, connect 2 x 12VDC versions together, note that 24 volt PSU's need 2 batteries. For example a 7 Ampere battery back up requires 2 x 7 Ampere batteries. To save time and having to source from different suppliers, Dycon can package and deliver any of its power supplies complete with a suitable battery from this range. All you need to do is select your power supply, decide which battery suits your needs and just contact Dycon Sales.

General Purpose Standby Batteries

12 VDC - 2.1Ah, 7Ah, 17Ah, 24Ah and 38Ah Lead Acid Batteries

Technical Specifications

SPECIFICATION	DYCON PART NUMBER				
	BAT004	BAT003	BAT005	BAT006	BAT007
Nominal Voltage	12VDC	12VDC	12VDC	12VDC	12VDC
Amperage (Ah)	2.10	7.00	17.00	24.00	38.00
20 Hour rate capacity to 10.5V at 25° C	2.10	7.00	17.00	24.00	38.00
10 Hour rate capacity to 10.8V at 25° C	1.90	6.40	15.70	22.00	35.80
Length (mm)	178	151	181.5	166	197
Width (mm)	34	65	77	175	165
Height over terminals (mm)	64	94.5	167.5	125	170
Weight (kg)	0.82	2.45	5.70	9.00	14.20
Terminal Type	Faston 4.75	Faston 4.75	M5	M5	M5

ALL VERSIONS	
Operating temperature Discharge	-20° to +60°C
Operating temperature charge	-15° to +50°C
Storage temperature, fully charged	-20° to +60°C
Capacity loss % per month in storage at 20°C	3%
Case material	ABS (UL94:HB)
Charge voltage at 20°C	13.65V
Design life at 20°C	3 to 5 years
3 rd Party Certifications	UL™, BSI™, VDS™
Installation Information	Batteries can be fitted in any configuration except permanently inverted.
Recycling Information	These batteries must be recycled at the end of life in accordance with local and national laws and regulations.

Note, Dycon smart PSU's do not support the BAT004 12VDC 2.1 A due to its advanced impedance battery testing. For example, D1532, D1460, D2431, D2433, D2435 require 7 Ampere or higher.

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For more information about the Dycon products:
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Or to discuss your specific needs:
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Dycon leads the security and associated power supply markets, with UK design and manufacture of advanced power products, engineered to provide high quality, cost-effective solutions to meet current regulations and the specific needs of system integrators and end-users.

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