TECHNICAL DATA SHEET

DAB12-80DEV

Applications

CYCLIC | STATIONARY | SOLAR | MARINE

BATTERY 60 AGM

DIMENSIONS

Lenhgt (mm):	315	Lead weight (kg):	17,2
Width(mm):	175	Electrolyte (kg):	4,5
Height (mm):	190		
Theight (mm):	190	Total weight (Kg):	23,2

PERFORMANCE

Voltage (V):	12
Capacity $C_{100}/C_{20}/C_5$ (Ah):	85/80/60
Cycles IEC/EN 60254	400
UPS (15min/10V) (W/bat)	1550
CCA -18^{0}C EN (A):	800

TECHNOLOGY

Type:	AGM
Grid type (poz/neg):	Casted/Casted
Grid alloy (poz/neg):	Ca/Ca
Separator:	GM
Electrolyte (g/cm^3):	1,30

CONTAINER

Type:	L4
Colour:	Black
Hold down:	B13

COVER

Type:	Sealed
Colour:	Black
Polarity:	0
Terminal:	1
Filter:	Yes

PLUGS

Type:	M18-VR
Colour:	Black

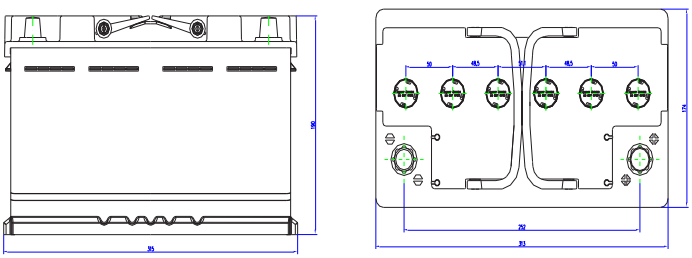
HANDLES

Type:	Kamina
Colour:	Black

PACKAGING

Type:	EUR	Pc./pallet:	36
	CNT	Pc./pallet:	60

DRAWING



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BATTERY SUPPLIES

TECHNICAL DATA SHEET

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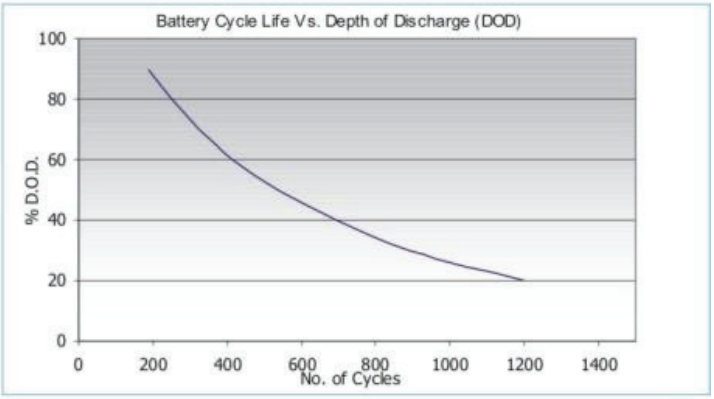
Charging



Nominal voltage	6 & 12 volts
Design life	12 Years @ 20°C
Operating temperature	-10 °C to 45°C
Grid alloy	Calcium / Tin lead alloy
Plates	Flat pasted
Separator	Absorbant Glass Mat
Active Material	Very high purity lead
Case and cover	ABS (VO on request)
Charge voltage	Float 2.27 - 2.30 VPC @ 20°C Cycling 2.40 @ 20°C Max. 2.4 VPC Max ripple 3.5% Charging V
Electrolyte	Sulphuric acid analytical grade purity

CHARGING CHARACTERISTICS
Floating - The optimum float voltage for a battery is temperature dependant, at 15 - 24°C the recommended value is 2.27 - 2.30V. It is recommended that battery installation sites are temperature controlled, however float voltage can be increased or decreased to compensate for temperature variations. Adjustment is calculated at +/- 3 mV per degree C.

Operating Temperature	Recommended Applied Float Voltage VPC
0-9	2.33-2.35
10-14	2.30-2.33
15-19	2.27-2.30
20-24	2.27-2.30
25-29	2.25-2.27
30-34	2.23-2.25
35-40	2.21-2.23

The most suitable charging method for battery life and performance is the constant voltage method with a limited initial current, usually limited to a maximum of $C_{20}/4$. For cyclic use we specify a short constant current phase at the end of normal charging, consult us for further details.

Charging - To obtain maximum cycle life from your battery, it is important that a suitable charging profile is used. For information about our range of chargers and our recommended charging profile, please contact us.

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