



UPS 1800

High Rate Battery



Electrical specifications

Nominal Voltage		12 V
Capacity @ 25°C to 1,8V/c	20 hour rate	60,0 Ah
Capacity @ 25°C to 1,8V/c	10 hour rate	55,0 Ah
Power @ 25°C to 9,6V	10 min rate	1680 W
Power @ 25°C to 1,6V/c	10 min rate	280 W/c
Self discharge @ 25°C	per month	< 2 %
Internal Resistance	fully charged	approx 6,3 mΩ
Maximum current @ 25°C	Discharge < 5sec	660 A
Maximum current @ 25°C	Cyclic charge	16,5 A
Charge Voltage @ 25°C	Float (-3mV/°C)	2,27 V/c
Charge Voltage @ 25°C	Cyclic (-4mV/°C)	2,45 V/c

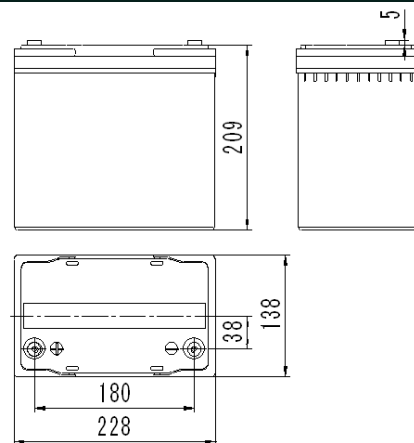
Other specifications

Design Floating Life @ 20°C		10-12 Years
Dimensions LxWxH (± 1mm)		228x138x209 mm
	Total height	214 mm
Operating Temperature (storage)		-20 to +50 °C
Separator		Absorbent Glass Mat
Grid alloy		Calcium / Tin lead alloy
Case and cover		ABS
Electrolyte		Sulphuric Acid
Terminal / Length		M6 insert
Connector	Interlink Connectors	Optional
Torque setting		8 - 10 Nm
Weight		17,2 (±2%) kg

Innovative Features

- 10-12 Year Long Life Design, Valve regulated Battery
- High performance according to Eurobat Classification
- Maximum charge efficiency
- 100% Recyclable
- High gas recombination efficiency
- Low self-discharge rate
- Easy handling
- Easy installation in vertical or horizontal orientation
- Applications: UPS, Data centre , Generator starting, EPS units
- Standards: IEC 60896-21 = VRLA methods of standards , IEC 60896-22 = VRLA requirements , JIS C8702-1/2:2009 , installation compliant with EN50272-2 , ISO 9001/2008

Dimensions



Constant Amps Discharge - Amps at 25°C

V/Cell	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m	55m	60m	90m
1,80	145	130	101	78,5	65,9	57,5	50,6	45,0	41,0	37,3	34,3	32,2	23,7
1,75	157	137	107	82,4	69,2	61,0	53,7	47,8	44,0	40,0	36,8	34,3	24,9
1,70	169	145	113	86,3	72,5	64,5	56,8	50,5	46,5	42,3	38,9	35,8	26,1
1,67	175	149	117	88,6	74,4	66,4	58,4	52,0	47,5	43,2	39,8	36,7	26,8
1,65	180	153	119	90,5	76,0	68,0	59,8	53,3	48,5	44,1	40,6	37,5	27,3
1,60	193	162	126	95,3	80,0	71,0	62,5	55,6	50,5	46,0	42,3	39,7	28,6

Constant Power Discharge - Watts per Cell at 25°C

V/Cell	5m	10m	15m	20m	25m	30m	35m	40m	45m	50m	55m	60m	90m
1,80	284	236	185	143	120	105	95	85,2	81,5	75,0	69,0	59,7	44,9
1,75	299	249	193	149	125	111	100	89,6	84,2	77,5	71,3	63,2	46,3
1,70	317	260	201	154	129	116	104	94,0	86,9	79,9	73,5	65,8	48,0
1,67	328	266	206	157	132	119	107	96,0	88,4	81,3	74,8	67,0	49,0
1,65	338	271	210	160	134	121	109	97,7	89,6	82,5	75,9	67,9	49,7
1,60	355	280	218	166	139	126	113	101,7	93,0	85,6	78,7	69,9	51,1

Revision: 201608-1

Your Wing Dealer :

