



# UPS 2500

## High Rate Battery



### Electrical specifications

Nominal Voltage		12 V
Capacity @ 25°C to 1,8V/c	20 hour rate	96,0 Ah
Capacity @ 25°C to 1,8V/c	10 hour rate	90,0 Ah
Power @ 25°C to 9,6V	10 min rate	2640 W
Power @ 25°C to 1,6V/c	10 min rate	440 W/c
Self discharge @ 25°C	per month	< 2 %
Internal Resistance	fully charged	approx 4,6 mΩ
Maximum current @ 25°C	Discharge < 5sec	1080 A
Maximum current @ 25°C	Cyclic charge	27,0 A
Charge Voltage @ 25°C	Float (-3mV/°C)	2,27 V/c
Charge Voltage @ 25°C	Cyclic (-4mV/°C)	2,45 V/c

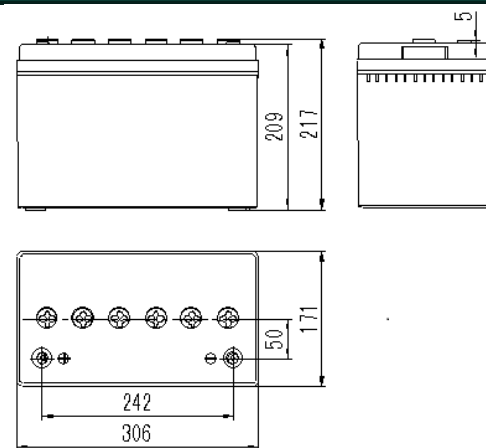
### Other specifications

Design Floating Life @ 20°C		10-12 Years
Dimensions LxWxH (± 1mm)		306x171x209 mm
	Total height	217 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		27,0 (±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	200	167	146	123	103	91	80,0	72,0	67,0	61,0	56,1	52,9	40,5
1,75	225	181	155	129	109	97	85,2	76,6	72,0	65,5	60,3	55,7	42,7
1,70	251	193	166	137	115	103	90,6	81,6	76,0	69,2	63,6	58,5	44,7
1,67	265	199	171	141	118	106	93,3	84,0	77,5	70,5	64,9	60,1	45,7
1,65	278	204	175	144	121	109	95,7	86,1	79,0	71,9	66,1	61,6	46,4
1,60	302	217	186	153	128	114	100,0	90,0	81,0	73,7	67,8	64,5	48,5

### 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	408	364	296	224	188	166	146	131	131	120	110	106	73,3
1,75	455	387	308	234	197	176	155	139	135	124	114	111	76,6
1,70	494	410	321	243	204	185	162	146	140	128	118	114	79,4
1,67	511	419	329	248	209	189	166	150	143	131	120	116	80,8
1,65	526	426	335	252	212	193	169	152	146	133	122	117	81,8
1,60	550	440	348	262	220	200	176	158	152	139	128	119	84,2

Revision: 201608-1

Your Wing Dealer :

