



VRLA Rechargeable Battery

UPS 12480XW

FEATURES

- Maintenance free
- Non-spillable battery with Absorbing Glass Matt technology (AGM)
- No water topping-up required
- Low self-discharge, less than 3% per month
- Can be used both in vertical and horizontal orientation (excluding used inverted)
- Service Life — 12 Years. According to Eurobat (20 °C) — Long Life

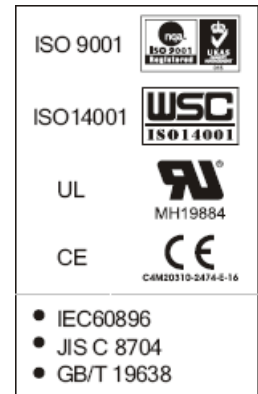
APPLICATIONS

- UPS
- Telecommunications
- Power plants
- Maritime transport
- Cable TV



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	120 Ah
Approx. weight	35.8 kg (78.93 lbs.)
Terminal type	I2, B3 (optional)
Internal Resistance	≤ 3mΩ (fully charged)
Max. Charge Current	35.4 A
Short-circuit Current	2900 A
Operating Temperature Range	Charge: 0°C~50°C (32°F~122°F) Discharge: -20°C~60°C (-4°F~140°F) Storage: -20°C~50°C (-4°F~122°F)
Container Material	ABS (UL94-HB)
Life of Service	12 years

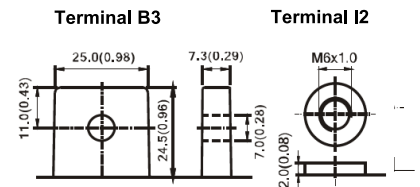
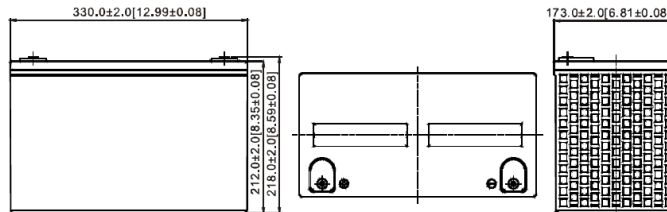


Dimensions

Outer dimensions

Terminal types

- **Length:**
330±2.0 (12.99±0.08)
- **Width:**
173±2.0 (6.81±0.08)
- **Container height:**
212±2.0 (8.35±0.08)
- **Overall height:**
I2: 218±2.0 (8.59±0.08)
B3: 241±2.0 (9.49±0.08)



Torque: B3, I2 (5,5 Nm ± 5%)

Constant power discharge characteristics at 25°C / 77°F Unit: W

Final Voltage, V/cell	Discharge time									
	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	40 min.	50 min.	60 min.	90 min.
1.80V	3974	3071	2538	2122	1839	1615	1300	1091	945	672
1.75V	4406	3296	2684	2204	1893	1656	1327	1113	960	683
1.70V	4727	3431	2776	2262	1931	1683	1345	1127	971	691
1.65V	4979	3537	2839	2304	1961	1701	1361	1139	980	696
1.60V	5119	3606	2880	2335	1985	1717	1375	1148	988	700

Constant current discharge characteristics at 25°C / 77°F Unit: A

Final Voltage, V/cell	Discharge time									
	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	40 min.	50 min.	60 min.	90 min.
1.80V	365	269	220	181	155	135	108	90.7	79.5	56.4
1.75V	401	291	232	189	161	140	111	93.3	80.7	57.3
1.70V	432	303	240	195	165	143	113	94.7	81.6	58.0
1.65V	460	312	247	199	168	145	115	96.0	82.4	58.5
1.60V	481	317	251	201	171	147	116	96.0	82.9	58.9

The manufacturer reserves the right to make changes due to ongoing optimization activities.