

UP-TF150-12



Product design features

- 12+ years design life, EUROBAT specification Long Life
- Extremely high cyclic life and float life performance
- Wide range of operating temperature -20°C to +55°C
- One-way valve regulated system with flame-arrestor
- Internal gas recombination efficiency 98% - 99%
- Easy for installation, maintenance free product
- Delivered ready for use
- Shock resistant ABS flame retardant container and lid
- Three-layer terminal sealing for leak-free operation
- Female M8 brass terminals with no need for retightening
- Non-hazardous cargo for ground, sea and air transport
- Fully recyclable product

Mechanical Characteristics

	SI Units	US Units
Length	555 mm	21.8 inches
Width	125 mm	4.9 inches
Height	320 mm	12.6 inches
Typical Weight	51.2 kg	112.9 lbs
Terminal Torque	8.0 Nm	70.8 in.lbs

All batteries are fully compliant
with IEC 60 896 - 21/22,
EN 60 896 - part 2, BS 6290 - part 4

Electrical Characteristics

Nominal voltage	12 Volts
10 hour capacity to 1.80 Vpc	152.0 Ah
8 hour capacity to 1.75 Vpc	145.6 Ah
Float voltage	2.27 Vpc at 20°C, 2.25 Vpc at 25°C
Accelerated recharge	According to operational instructions
Shelf life	Up to 1 year
Short circuit current	2565 Amps
Internal resistance	4.85 mΩ

Discharge performance at constant current discharge (A) at 25 °C

Uf, Vpc	5 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60	444	250	151	100	56.0	41.4	33.8	28.7	24.2	18.7	15.9	8.42
1.65	420	241	148	97	55.0	40.9	33.4	28.6	24.1	18.6	15.8	8.31
1.70	391	232	144	95	54.0	40.0	33.0	28.4	23.8	18.4	15.6	8.23
1.75	347	221	141	92	53.2	39.8	32.8	28.0	23.7	18.2	15.4	8.16
1.80	303	204	134	90	52.3	39.5	32.5	27.8	23.5	18.0	15.2	8.12
1.85	242	182	121	84	50.0	39.0	32.2	27.1	23.0	17.5	14.7	7.90

Discharge performance at constant power discharge (W per cell) at 25 °C

Uf, Vpc	5 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60	885	542	320	195	107.6	83.2	69.7	57.9	49.0	37.0	31.2	16.5
1.65	837	523	314	191	106.1	82.7	69.3	57.7	48.8	36.8	31.0	16.4
1.70	769	500	307	189	104.6	81.4	68.5	57.6	48.6	36.4	30.9	16.3
1.75	700	470	301	182	103.1	80.9	68.2	57.1	48.5	36.1	30.7	16.2
1.80	621	433	288	180	101.9	80.7	67.5	56.2	47.9	35.6	29.9	16.1
1.85	520	382	259	170	97.8	80.4	66.7	54.6	46.5	34.5	29.3	15.9

