XTV Series

XTV 1285 Datasheet

12V Top Terminal VRLA-AGM

Specifications	
Voltage (Vdc)	12
Nominal Capacity (1.75 VPC @25°C)	8.5 Ah @20hr-rate
Ah Capacity (8-Hr 1.75 VPC @ 25°C)	8.00
Ah Capacity (20-Hr 1.75 VPC @ 25°C)	8.80
Ah Capacity (8-Hr 1.80 VPC @ 25°C)	7.87
Max Charge Current (A)	2.55
Max Discharge Current (A)	130
Short Circuit Current (A)	288
Internal Resistance (mΩ)	Approx. 20.9
Terminal Type	F2 terminal -Faston Tab 250
Terminal Torque	--
Container Material	ABS (UL 94-HB) & Flame Retardant (94-V0) available upon request
Weight (kg. / lb., Approx.)	2.62 / 5.77
Length (L) (mm / in)	150.9±2.0 / 5.94±0.08
Width (W) (mm / in)	64.8±1.0 / 2.55±0.04
Height (H) (mm / in)	98.6±1.0 / 3.88±0.04
Design Life	Up to 12 Years in Standby Service at 25°C Eurobat (20°C): 10/12 Years Long Life
Operating Temperature	Nominal: 25°C (77°F) Discharge/Charge: -20°C - 50°C (-4°F-122°F) Storage: -15°C - 40°C (5°F – 104°F)
Float Charging Voltage	13.5 - 13.8 Vdc/battery 25°C (77°F)
Eq. Charging Voltage	14.4 - 15.0 Vdc/battery 25°C (77°F)
Self-Discharge	Less than 10% after 90 days, can be stored up to 6 months at 25°C (77°F); Fully recharging is required before usage, and charged sooner if stored at higher temperature than 25°C (77°F).

Valve Regulated Lead Acid (VRLA) Battery

Maintenance-Free, Absorbent Glass Mat (AGM) Technology for Efficient Gas Recombination of up to 99%

Pure Lead Construction and Proprietary Elements

Designed for Float Service Standby Power Applications in Extreme Temperature Environments

Built in Accordance with IEC 61056-1/2:2012 and UL1989 Recognized (MH14533)

MH14533

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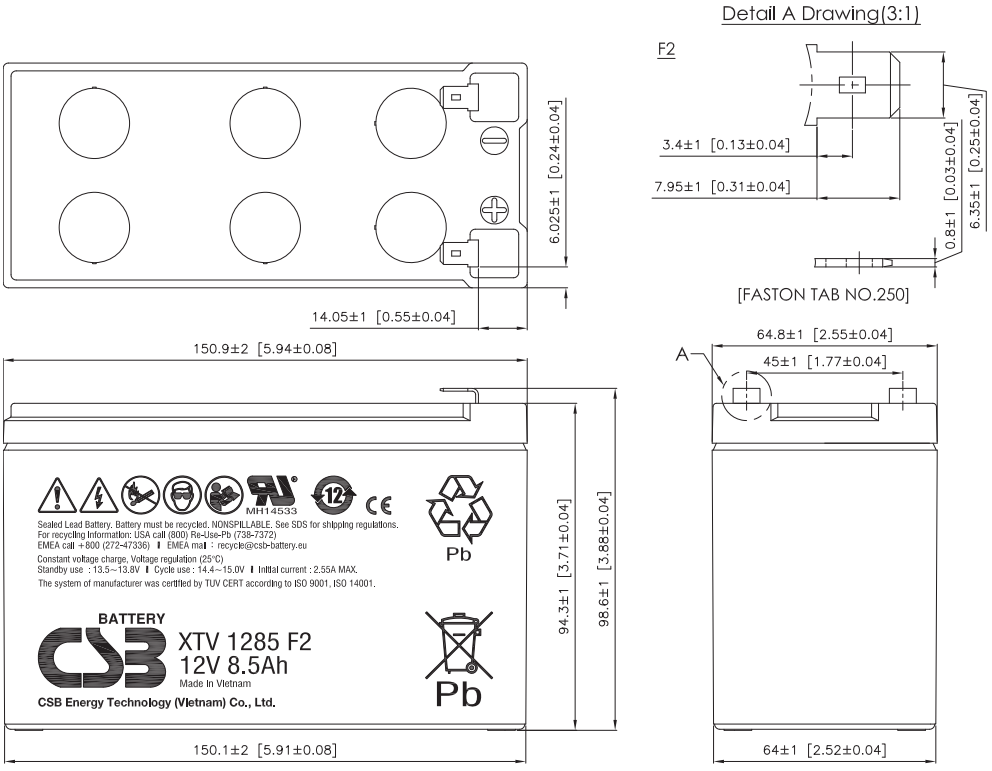
Constant Current Discharge Characteristics Unit: A (25°C, 77°F)												
F.V/Time	**5MIN**	**10MIN**	**15MIN**	**30MIN**	**60MIN**	**90MIN**	**2HR**	**3HR**	**5HR**	**8HR**	**10HR**	**20HR**
10.02V (1.67 VPC)	34.1	21.8	16.3	9.64	5.62	4.10	3.25	2.34	1.52	1.01	0.834	0.446
10.50V (1.75 VPC)	30.8	20.6	15.7	9.42	5.53	4.05	3.21	2.31	1.50	1.00	0.823	0.440
10.80V (1.80 VPC)	27.9	19.2	14.8	9.12	5.40	3.97	3.15	2.27	1.47	0.984	0.808	0.433

Constant Power Discharge Characteristics Unit: W (25°C, 77°F)												
F.V/Time	**5MIN**	**10MIN**	**15MIN**	**30MIN**	**60MIN**	**90MIN**	**2HR**	**3HR**	**5HR**	**8HR**	**10HR**	**20HR**
10.02V (1.67 VPC)	360	239	183	110	65.0	47.7	37.8	27.3	18.0	12.0	9.84	5.29
10.50V (1.75 VPC)	332	228	177	108	64.2	47.3	37.5	27.0	17.8	11.8	9.75	5.24
10.80V (1.80 VPC)	308	216	168	105	62.9	46.5	36.9	26.7	17.5	11.7	9.61	5.17