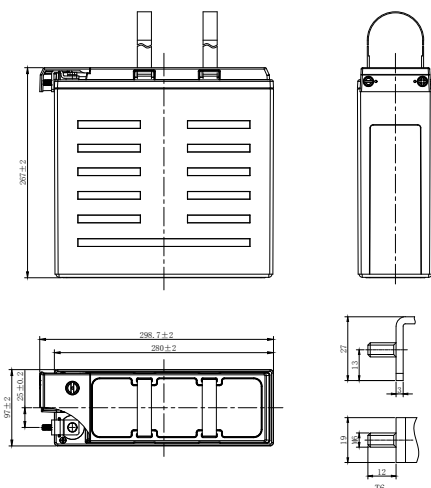


# PLX-PURE LEAD HIGH RATE

## PLX12-260FT(A) (12V260W)



### CHARACTERISTICS

Item	Specifications	
Rated Voltage	12V	
Nominal Rate (25°C)	$W_{15}, 1.67V/cell$	260W/cell
Nominal Capacity (25°C)	$C_{10}, 1.80V/cell$	62Ah
Dimension	Length	298.7mm (11.8inches)
	Width	97mm (3.82inches)
	Container Height	267mm (10.5inches)
	Total Height	267mm (10.5inches)
Approx Weight	19.5kg (43.0lbs)	
Terminal	T6(M6)	
Container Material	PC-ABS (UL94 V-0)	
Short-circuit current	1364A	
Internal Resistance (25°C)	Approx 5.4 mΩ (Fully charged)	
Operating Temp. Range	Discharge	-40~65°C (-40~149°F)
	Charge	-20~54°C (-4~129°F)
	Storage	-20~50°C (-4~122°F)
Nominal Operating Temp. Range	25±3°C (77±5°F)	
Max.Charging Current (25°C)	0.3C	
Charge voltage (25°C)	Standby Use	Equalization Use
	2.27±0.02V/cell	2.35-2.40V/cell
Temp. Coefficient	-3mV/cell/°C	-4mV/cell/°C
	40°C (104°F)	103%
Effect of temp. to Capacity	25°C (77°F)	100%
	0°C (32°F)	86%
Self Discharge	PLX series batteries can be stored up to 24 months at 25°C(77°F), For higher temperatures the timeinterval will be shorter.Battery needs to be given a freshening charge when the OCV approach 2.10V/cell or when the maximum storage time is reached, whichever occurs first.	

### DISCHARGE TABLE

Constant Current Discharge (Amperes) at 25°C (77°F)															
F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	8h	10h	20h
1.85V/cell	173.0	124.5	106.1	86.5	66.2	49.2	38.6	29.3	24.6	17.4	13.4	10.5	7.45	6.08	3.22
1.80V/cell	202.9	142.6	117.5	94.5	70.2	51.0	40.3	30.0	24.9	17.5	13.5	10.9	7.62	6.20	3.29
1.75V/cell	226.9	155.6	126.9	100.8	74.7	53.2	41.8	30.7	25.2	17.6	13.6	11.1	7.79	6.29	3.33
1.70V/cell	247.4	167.8	134.7	106.0	77.5	55.1	42.9	31.2	25.4	17.7	13.7	11.2	7.83	6.30	3.36
1.67V/cell	265.8	176.5	141.9	110.1	80.6	56.9	44.0	31.7	25.6	17.8	13.7	11.3	7.94	6.44	3.39
1.60V/cell	282.4	186.8	149.0	115.0	82.6	58.1	44.8	32.1	25.7	17.9	13.8	11.4	8.04	6.48	3.50
Constant Power Discharge (Watts/cell) at 25°C (77°F)															
F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	8h	10h	20h
1.85V/cell	324.2	239.0	205.9	168.3	128.9	97.2	76.6	58.3	49.1	34.9	26.9	21.2	15.1	12.4	6.58
1.80V/cell	376.1	271.0	226.7	182.7	136.7	100.3	79.4	59.4	49.4	34.9	27.1	21.9	15.4	12.6	6.70
1.75V/cell	415.3	292.3	242.2	193.2	144.2	103.8	81.8	60.5	49.8	35.1	27.2	22.3	15.6	12.7	6.75
1.70V/cell	448.8	311.2	254.5	201.2	148.4	106.8	83.4	61.1	50.0	35.2	27.3	22.4	15.8	12.7	6.82
1.67V/cell	451.9	323.0	260.0	206.8	155.0	109.7	85.2	61.9	50.2	35.1	27.2	22.5	15.9	12.9	6.86
1.60V/cell	465.9	336.9	266.5	213.6	159.1	110.9	86.0	62.1	50.2	35.1	27.2	22.6	16.0	13.0	7.07

# PLX-PURE LEAD HIGH RATE

## PLX12-260FT(A) (12V260W)



### APPLICATIONS

- UPS
- Emergency lighting
- Emergency Power supply
- Electric starting
- Power tools

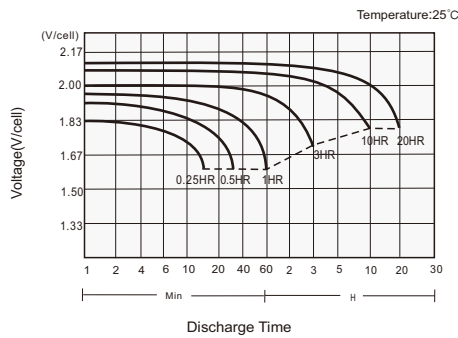
### GENERAL FEATURES

- 15 years design life (25°C)
- Utilizes TPPL technology, thin positive grids and unique manufacturing process to maximize corrosion resistance and service life while increasing energy density
- Specifically designed for high-rate discharge applications
- Wide Wpc range of front and top terminal monoblocs
- UL 94 V-0 Case and cover heat sealed and 100% tested to prevent leaks

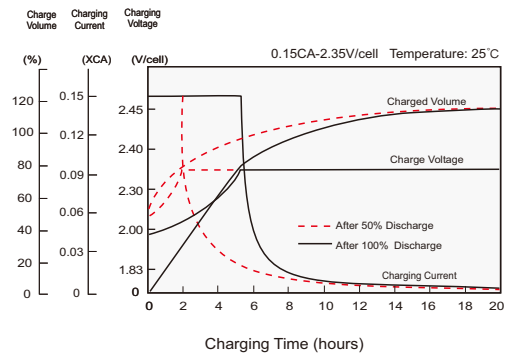
### STANDARDS

- Compliance with IEC 60896 standards
- Classified as "Very Long Life" according to Eurobat
- CE,UL Approved
- Manufactured in Leoch@IATF 16949, ISO 45001,ISO 9001 and ISO 14001 certified production facilities

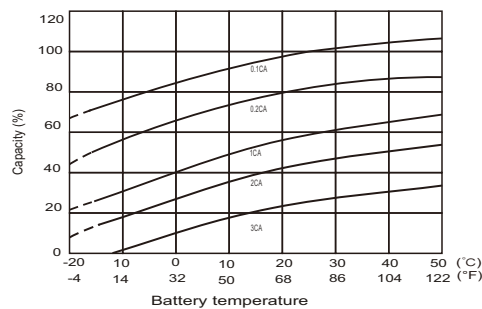
#### Discharge Characteristics



#### Charging Characteristics



#### Effects of Temperature on Capacity



#### Self Discharge Characteristics

