Pure Lead Carbon(Long Cycle Life)

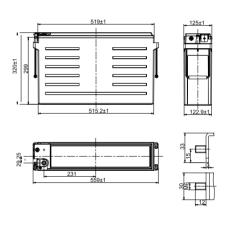


Specifications

Specifications		
Rated Voltage		12V
Nominal Capacity	20 hr ,1.80V/cell	180Ah
Dimension	Length Width Container Height Total Height	559±3mm (22.0 inches) 125±2mm (4.92 inches) 320±3mm (12.6 inches) 320±3mm (12.6 inches)
Weight		Approx 57.6kg(127.0lbs)
Terminal	Top Terminal M8 Inser	t, Front Terminal Adapter M6 Flag
Container Material	PC-ABS flame	retardant jar and cover to UL94V-0
Rated Capacity (25°C)	200.0 Ah 180.0 Ah 170.0 Ah 167.2Ah 144.6Ah 121.6Ah	(100 hr,2.00 A,1.75V/cell) (20hr,9.00 A,1.80V/cell) (10hr,17.0 A,1.80V/cell) (8hr,20.9 A,1.75V/cell) (3hr,48.2 A,1.75V/cell) (1hr,121.6 A,1.60V/cell)
Max. Discharge Current		3400A (5s)
Internal Resistance (25℃)		Approx. $3.5m\Omega(Fully charged)$
	Discharge Charge Storage	-40°C ~ 55°C(-40°F ~ 131°F) -20°C ~ 45°C (-4°F ~ 113°F) -20°C ~ 50°C (-4°F ~ 122°F)
Nominal Operating Temp.Range		25±3°C (77±5°F)
Max.Charging Current(25°C)		180A
Cycle Use		2.35V~2.40V at 25°C(77°F) Temp. Coefficient -3mV/°C
Standby Use		2.25V~2.30V at 25℃(77℉) Temp. Coefficient -2mV/℃
Effect of temp. to Capacity	40°C (104°F) 25°C (77°F) 0°C (32°F)	103% 100% 86%
Self Discharge	at 25°C(77°F), For high will be shorter.Battery r charge when the OCV a	s can be stored up to 24 months er temperatures the time interval needs to be given a freshening approach 2.10V/cell or when the is reached, whichever occurs first.



Layout



Constant Current Discharge (Amperes) at 25 °C (77°F)													
F.V/Time	30min	1h	2h	3h	4h	5h	8h	10h	20h	24h	48h	72h	100h
1.85V/cell	170.1	110.0	65.5	46.9	36.8	30.5	20.5	16.9	8.81	7.76	4.08	2.80	1.93
1.80V/cell	176.6	112.9	66.5	47.6	37.4	31.1	20.8	17.0	9.00	7.92	4.17	2.86	1.97
1.75V/cell	184.3	115.5	67.2	48.2	37.9	31.3	20.9	17.1	9.05	8.04	4.23	2.90	2.00
1.70V/cell	190.0	117.5	68.0	48.7	38.1	31.5	21.0	17.2	9.08	/	/	/	/
1.65V/cell	196.1	119.7	68.8	49.0	38.5	31.7	21.1	17.3	9.13	/	/	/	1
1.60V/cell	202.1	121.6	69.8	49.5	38.8	32.0	21.2	17.5	9.16	/	/	1	1

Constant Power Discharge (Watts) at 25 °C (77°F)													
F.V/Time	30min	1h	2h	3h	4h	5h	8h	10h	20h	24h	48h	72h	100h
1.85V/cell	334.1	218.1	130.8	93.9	74.1	61.6	41.6	35.6	18.0	15.9	8.4	5.8	3.97
1.80V/cell	344.3	222.6	132.1	95.1	75.0	62.4	42.0	35.7	18.3	16.1	8.5	5.8	4.02
1.75V/cell	356.2	226.3	133.1	95.9	75.5	62.7	42.1	35.8	18.3	16.3	8.6	5.9	4.05
1.70V/cell	363.9	229.1	133.9	96.3	75.9	63.0	42.2	35.4	18.3	1	/	1	/
1.65V/cell	372.9	232.3	135.1	96.7	76.2	63.2	42.3	36.0	18.4	1	/	/	/
1.60V/cell	380.6	233.8	135.6	97.0	76.4	63.5	42.6	36.2	18.4	1	1	1	/

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PLC+C 180FT (12V 180Ah)



Applications

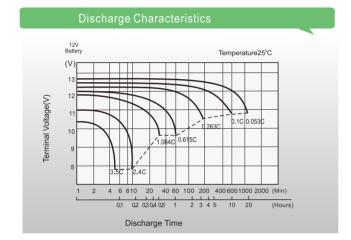
- · Residential or light-commercial off-grid
- Backup / self-consumption renewable energy stoarge
- Outdoor cabinet
- · High voltage power station
- · Mobile Power Supply for Vehicles
- · Base station with unstable power grid

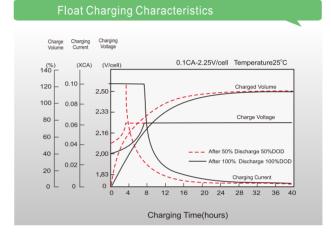
General Features

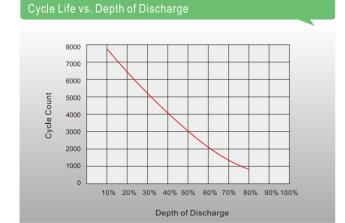
- Advanced Pure Lead Carbon Technology
- Exceptional PSOC Performance
- · Low self-discharging rate
- · Fast charging acceptance: 1 hour to 90% SoC
- · Excellent high rate discharge performance

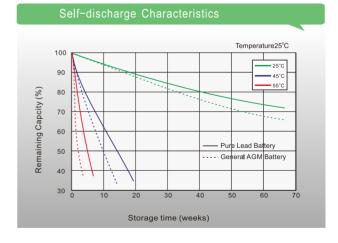
Standards

- Compliance with IEC 60896 standards
- Manufactured in Leoch® IATF16949,
 OHSAS 18001,ISO 9001 and ISO 14001
 certified production facilities









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