
Pro Power AGM Deep Cycle Battery

Pro Power AGM Deep Cycle Battery	1
Pro Power 12V 28AH AGM Deep Cycle Battery	2
Pro Power 12V 45AH AGM Deep Cycle Battery	3
Pro Power 12V 60AH AGM Deep Cycle Battery	4
Pro Power 12V 80AH AGM Deep Cycle Battery	5
Pro Power 12V 105AH AGM Deep Cycle Battery	6
Pro Power 12V 130AH AGM Deep Cycle Battery	7
Pro Power 12V 150AH AGM Deep Cycle Battery	8
Pro Power 12V 165AH AGM Deep Cycle Battery	9
Pro Power 12V 230AH AGM Deep Cycle Battery	10
Pro Power 12V 280AH AGM Deep Cycle Battery	11
AGM Battery Technology	12
Cycle Life In Relation To Depth of Discharge	13
Discharge Characteristics	14
State of Charge	15

Pro Power 12V 28AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	28.0 AH
Dimension	Length: 165 ±1mm (6.5 inches)
	Width: 125 ±1mm (4.92 inches)
	Container Height: 175 ±1mm (4.92 inches)
	Total Height (with Terminal): 175 ±1mm (6.89 inches)
Approx Weight	Approx 8.5 Kg
Terminal	T5
Container Material	ABS
Rated Capacity	28.0AH/1.4A (20hr,1.80V/cell,25°C)
Max. Discharge Current	390A (5s)
Internal Resistance	Approx 13.0m?
Operating Temp.Range	Discharge : -15 ~ 50oC (5 ~ 122oF)
	Charge : 0 ~ 40oC (32 ~ 104oF)
	Storage : -15 ~ 40oC (5 ~ 104oF)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 7.8A.
	Voltage 14.4V~15.0V at 25oC (77o F)
	Temp. Coefficient -30mV/oC
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25oC (77o F)
	Temp. Coefficient -20mV/oC
Capacity affected by Temperature	40oC (104oF) 103%
	25oC (77oF) 100%
	0oC (32oF) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25oC(77oF) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 45AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	45.0 AH
Dimension	Length: 197 ±2mm (7.76 inches)
	Width: 165 ±2mm (6.50 inches)
	Container Height: 175 ±2mm (6.89 inches)
	Total Height (with Terminal): 175 ±2mm (6.89 inches)
Approx Weight	Approx 13.0 Kg
Terminal	T6
Container Material	ABS
Rated Capacity	45.0AH/2.25A (20hr,1.80V/cell,25°C)
Max. Discharge Current	456A (5s)
Internal Resistance	Approx 9.0mΩ
Operating Temp.Range	Discharge : -15 ~ 50oC (5 ~ 122oF)
	Charge : 0 ~ 40oC (32 ~ 104oF)
	Storage : -15 ~ 40oC (5 ~ 104oF)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 11.4A.
	Voltage 14.4V~15.0V at 25oC (77o F)
	Temp. Coefficient -30mV/oC
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25oC (77o F)
	Temp. Coefficient -20mV/oC
Capacity affected by Temperature	40oC (104oF) 103%
	25oC (77oF) 100%
	0oC (32oF) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25oC(77oF) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 60AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	60.0 AH
Dimension	Length: 228 ±2mm (8.98 inches)
	Width: 137 ±2mm (5.39 inches)
	Container Height: 210 ±2mm (8.27 inches)
	Total Height (with Terminal): 230 ±2mm (9.06 inches)
Approx Weight	Approx 17.7 Kg
Terminal	T9
Container Material	ABS
Rated Capacity	60.0AH/3.00A (20hr,1.80V/cell,25°C)
Max. Discharge Current	660A (5s)
Internal Resistance	Approx 7.5mΩ
Operating Temp.Range	Discharge : -15 ~ 50oC (5 ~ 122oF)
	Charge : 0 ~ 40oC (32 ~ 104oF)
	Storage : -15 ~ 40oC (5 ~ 104oF)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 16.5A.
	Voltage 14.4V~15.0V at 25oC (77o F)
	Temp. Coefficient -30mV/oC
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25oC (77o F)
	Temp. Coefficient -20mV/oC
Capacity affected by Temperature	40oC (104oF) 103%
	25oC (77oF) 100%
	0oC (32oF) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25oC(77oF) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 80AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	80.0 AH
Dimension	Length: 260 ±2mm (10.23 inches)
	Width: 168 ±2mm (6.61 inches)
	Container Height: 210 ±2mm (8.26 inches)
	Total Height (with Terminal): 215 ±2mm (8.46 inches)
Approx Weight	Approx 22.45 Kg
Terminal	T6
Container Material	ABS
Rated Capacity	80.0 AH/4.00A (20hr,1.80V/cell,25°C)
Max. Discharge Current	900A (5s)
Internal Resistance	Approx 6.6mΩ
Operating Temp.Range	Discharge : -15 ~ 50oC (5 ~ 122oF)
	Charge : 0 ~ 40oC (32 ~ 104oF)
	Storage : -15 ~ 40oC (5 ~ 104oF)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 22.5A.
	Voltage 14.4V~15.0V at 25oC (77o F)
	Temp. Coefficient -30mV/oC
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25oC (77o F)
	Temp. Coefficient -20mV/oC
Capacity affected by Temperature	40oC (104oF) 103%
	25oC (77oF) 100%
	0oC (32oF) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25oC(77oF) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 105AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	105.0 AH
Dimension	Length: 330 ±2mm (12.99 inches)
	Width: 171 ±2mm (6.73 inches)
	Container Height: 214 ±2mm (8.42 inches)
	Total Height (with Terminal): 218 ±2mm (8.58 inches)
Approx Weight	Approx 28.25 Kg
Terminal	M8
Container Material	ABS
Rated Capacity	105AH/5.25A (20hr, 1.80V/cell, 25°C)
Max. Discharge Current	900A (5s)
Internal Resistance	Approx 5.2m Ω
Operating Temp. Range	Discharge : -15° ~ 50°C (5° ~ 122°F)
	Charge : 0° ~ 40°C (32° ~ 104°F)
	Storage : -15° ~ 40°C (5° ~ 104°F)
Nominal Operating Temp. Range	25 ± 5°C (77 ± 9°F)
Cycle Use	Initial Charging Current less than 27A
	Voltage 14.6V~14.8V at 25°C (77°F)
	Temp. Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current
	Voltage 13.6V~13.8V at 25°C (77°F)
	Temp. Coefficient -20mV/°C
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25°C (77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 130AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	130.0 AH
Dimension	Length: 330 ±3mm (12.99 inches)
	Width: 173 ±2mm (6.81 inches)
	Container Height: 212 ±2mm (8.35 inches)
	Total Height (with Terminal): 220 ±2mm (8.66 inches)
Approx Weight	Approx 31.5 Kg
Terminal	T11
Container Material	ABS
Rated Capacity	130.0 AH/6.50A (20hr, 1.80V/cell, 25°C)
Max. Discharge Current	1200A (5s)
Internal Resistance	Approx 4.9mΩ
Operating Temp. Range	Discharge : -15 ~ 50°C (5 ~ 122°F)
	Charge : 0 ~ 40°C (32 ~ 104°F)
	Storage : -15 ~ 40°C (5 ~ 104°F)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 30A.
	Voltage 14.4V~15.0V at 25°C (77°F)
	Temp. Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25°C (77°F)
	Temp. Coefficient -20mV/°C
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 150AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	150.0 AH
Dimension	Length: 484 ±2mm (19.05 inches)
	Width: 170 ±2mm (6.69 inches)
	Container Height: 241 ±2mm (9.49 inches)
	Total Height (with Terminal): 241 ±2mm (9.49 inches)
Approx Weight	Approx 41.45 Kg
Terminal	T11
Container Material	ABS
Rated Capacity	150.0 AH/7.50A (20hr, 1.80V/cell, 25°C)
Max. Discharge Current	1350A (5s)
Internal Resistance	Approx 4.0mΩ
Operating Temp. Range	Discharge : -15 ~ 50°C (5 ~ 122°F)
	Charge : 0 ~ 40°C (32 ~ 104°F)
	Storage : -15 ~ 40°C (5 ~ 104°F)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 40.5A.
	Voltage 14.4V~15.0V at 25°C (77°F)
	Temp. Coefficient -30mV/oC
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25°C (77°F)
	Temp. Coefficient -20mV/oC
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 165AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	165.0 AH
Dimension	Length: 484 ±2mm (19.05 inches)
	Width: 170 ±2mm (6.69 inches)
	Container Height: 241 ±2mm (9.49 inches)
	Total Height (with Terminal): 241 ±2mm (9.49 inches)
Approx Weight	Approx 43.5 Kg
Terminal	T11
Container Material	ABS
Rated Capacity	165.0 AH/8.25A (20hr, 1.80V/cell, 25°C)
Max. Discharge Current	1500A (5s)
Internal Resistance	Approx 2.5mΩ
Operating Temp. Range	Discharge : -15 ~ 50°C (5 ~ 122°F)
	Charge : 0 ~ 40°C (32 ~ 104°F)
	Storage : -15 ~ 40°C (5 ~ 104°F)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 45A.
	Voltage 14.4V~15.0V at 25°C (77°F)
	Temp. Coefficient -30mV/oC
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25°C (77°F)
	Temp. Coefficient -20mV/oC
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 230AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	230.0 AH
Dimension	Length: 522 ±3mm (20.55 inches)
	Width: 240 ±2mm (9.45 inches)
	Container Height: 218 ±2mm (8.58 inches)
	Total Height (with Terminal): 224 ±2mm (8.81 inches)
Approx Weight	Approx 59.1 Kg
Terminal	T11
Container Material	ABS
Rated Capacity	230.0 AH/11.5A (20hr, 1.80V/cell, 25°C)
Max. Discharge Current	2000A (5s)
Internal Resistance	Approx 2.7mΩ
Operating Temp. Range	Discharge : -15 ~ 50°C (5 ~ 122°F)
	Charge : 0 ~ 40°C (32 ~ 104°F)
	Storage : -15 ~ 40°C (5 ~ 104°F)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 60A.
	Voltage 14.4V~15.0V at 25°C (77°F)
	Temp. Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25°C (77°F)
	Temp. Coefficient -20mV/°C
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Pro Power 12V 280AH AGM Deep Cycle Battery

Nominal Voltage	12V
Nominal Capacity (20HR)	280.0 AH
Dimension	Length: 520 ±3mm (20.47 inches)
	Width: 269 ±2mm (10.59inches)
	Container Height: 220 ±2mm (8.66 inches)
	Total Height (with Terminal): 225 ±2mm (8.85 inches)
Approx Weight	Approx 69.65 Kg
Terminal	T11
Container Material	ABS
Rated Capacity	280.0 AH/14.0A (20hr, 1.80V/cell, 25°C)
Max. Discharge Current	2500A (5s)
Internal Resistance	Approx 2.5mΩ
Operating Temp. Range	Discharge : -15 ~ 50°C (5 ~ 122°F)
	Charge : 0 ~ 40°C (32 ~ 104°F)
	Storage : -15 ~ 40°C (5 ~ 104°F)
Nominal Operating Temp. Range	25 ± 3°C (77 ± 5°F)
Cycle Use	Initial Charging Current less than 75A.
	Voltage 14.4V~15.0V at 25°C (77°F)
	Temp. Coefficient -30mV/°C
Standby Use	No limit on Initial Charging Current
	Voltage 13.5V~13.8V at 25°C (77°F)
	Temp. Coefficient -20mV/°C
Capacity affected by Temperature	40°C (104°F) 103%
	25°C (77°F) 100%
	0°C (32°F) 86%
Self Discharge	Pro Power Deep Cycle AGM batteries may be stored for up to 6 months at 25°C(77°F) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

AGM Battery Technology

AGM Battery Technology

Patented Sealed Post

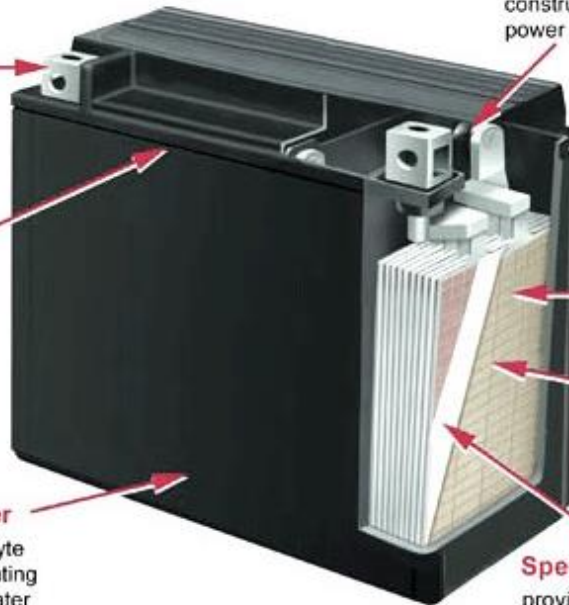
prevents acid seepage, reduces corrosion – extends battery life.

Heat Sealed Case to Cover

protects against seepage and corrosion – bonded unit gives extra strength.

Polypropylene Cover and Container

assures reserve electrolyte capacity for cooler operating temperatures; gives greater resistance to gas and oil – and impact in extreme weather conditions!



Thru-Partition Construction

provides shorter current path with less resistance than "over the partition" construction – you get more cranking power when you need it.

Special Active Material

is compounded to withstand vibration, prolong battery life and dependability.

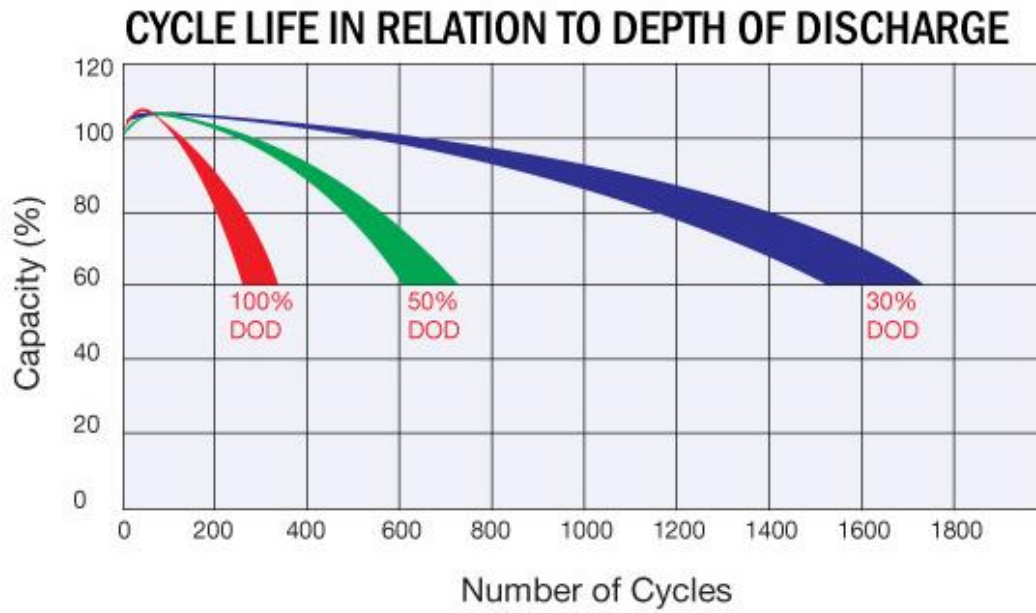
Special Grid Design

withstands severe vibration, assures maximum conductivity.

Special Separator

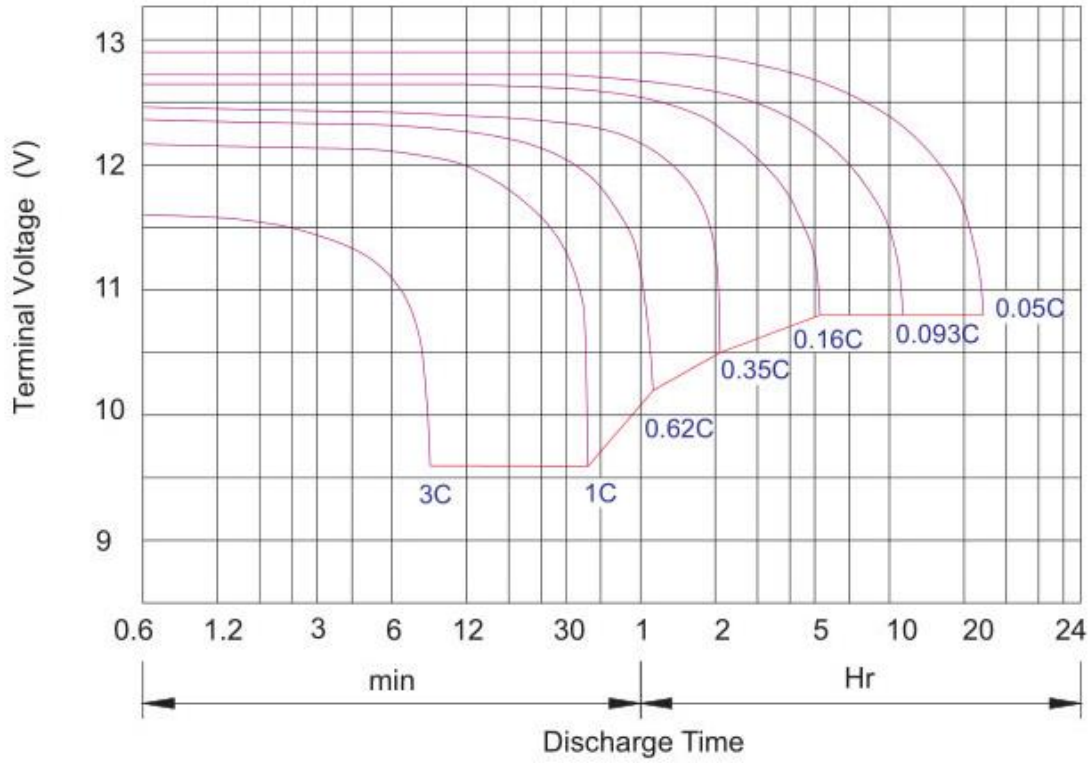
provides virtually maintenance free operation and makes the battery spill-proof. AGM Technology eliminates water loss.

Cycle Life In Relation To Depth of Discharge



Discharge Characteristics

Discharge Characteristics



State of Charge

Charge	Voltage
100%	12.7+
90%	12.5
80%	12.42
70%	12.32
60%	12.20
50%	12.06
40%	11.9
30%	11.75
20%	11.58
10%	11.31
0%	10.5

*Note This chart is only giving you a roughly idea, the voltage will be affected by how fast you discharge the battery, please see our discharge characteristic chart.