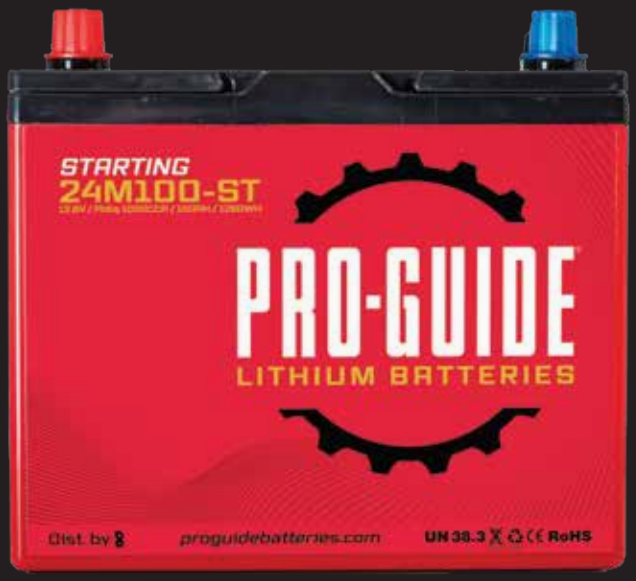
STARTING 24M100-ST

12.8V / PbEq 1000CCA / 100AH / 1280WH



PRO-GUIDE®

UNIT SPECIFICATIONS	
Nominal Voltage	12.8V
Nominal Capacity	100Ah
Stored Energy	1280Wh
PbEq CCA	1000CCA
Protection Level	IP67
Standard Discharge Current	5A
Continous Discharge Current	100A
Discharge Cut off Voltage	9.6V
Charge Cut off Voltage	14.6V
Standard Charge Current	20A
Max Continous Charge Current	50A
Self Dicharge	<3% Per Month
Cycle Life	>3000 times @ 100% DOD
	>6000 times @ 80% DOD
TEMPERATURE SPECIFICATIONS	
Operating Temperature	
Charging Temperature	14F - 113F (-10C - 45C)
Discharging Temperature	-4F - 140F (-20C - 60C)
Storage Temperature	
3 Months	14F - 104F (-10C to 40C)
1 Year	14F - 104F (-10C to 40C)
MEASUREMENTS	
Length	10.25in
Width	6.83in
Height	9.19in
Weight	28.7lbs

- Chemistry: Lithium Iron Phosphate (LifeP04) is designed for marine cranking use.
  - PGL24M100-ST: Lithium Iron Phosphate
- Minimum Cranking Amps: 800 Amps for 8 seconds minimum at 20 °F (-7 °C)
  - PGL24M100-ST: 800 Amps for 8 Seconds, 1000 Amps for 5 seconds
- Peak Charge Acceptance: 165 Amps 20–130 °F (-7–55 °C)
  - PGL24M100-ST: 1.65C for 1 minute
- Max Charge/Alternator Size: 150 Amps 20–130 °F (-7–55 °C)
  - PGL24M100-ST: 200 Amp Charge Acceptance
- Max Charge Voltage/ Alternator Output: 14.8 V
  - PGL24M100-ST: 14.8v +/-.02 volts
- Reserve Capacity: (RC25 Amps @ 80 °F) 135 minutes
  - PGL24M100-ST: 172 Minutes Before ProBoost Safety Cut, 216min @ LVP
- Ingress Protection (IP) Rating: IP67 or greater
  - PGL24M100-ST: IP67



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