DS12ZeMa70



Maintenance free TPPL AGM Technology for Rolling Stock Applications
Engine Starting



EnerSys. @HAWKER

ZeMa*Rail*[™] Diesel Starter DS12ZeMa70 Resistant to abusive discharges

Superior cold cranking performance

Shock resistant

Superb charge acceptance

Excellent cyclic capability













RAIL

Hawker_® ZeMaRail[™] DS12ZeMa70

Technical Data	
Technology	*TPPL / *AGM / *VRLA
Nominal Voltage	12 V
Charging Voltage	14.4 V @ 20 °C
Float Voltage	13.74 V @ 20 °C
Nominal Capacity C ₂₀	70 Ah
Nominal Capacity C ₁₀	64.8 Ah
CCA (EN)	680 A
Internal Resistance	5,7 mΩ
Operating Temperature range	-40 °C to +50 °C
Short Circuit Current	2200A
Weight	20.7 kg
Storage	60 Months**
Storage at 25°C without recharge	24 Months
Terminals	DIN Lead Post
Service life	3 to 10 Years
Flame retardancy class	Non flame retardant

*TPPL: Thin Plate Pure Lead *AGM: Absorbed Glass Mat

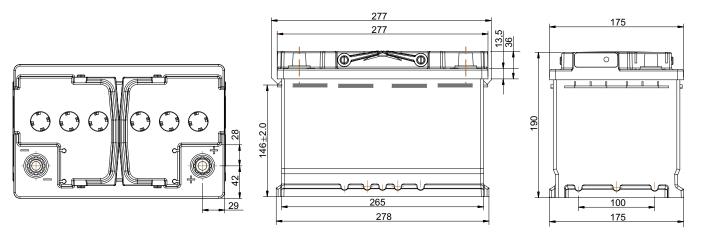
*VRLA: Valve Regulated Lead Acid

ZeMaRail Diesel Starting batteries combine excellent starting power with exceptional deep cyclic capability.

EnerSys® TPPL technology with 99.99% purity lead-tin plates and highly compressed AGM separators delivers superior cranking power and deep cyclic characteristics of 400 cycles to 80% DOD.

The internal elements are specifically designed to withstand extreme levels of shock and vibration ensuring reliability and long life in demanding applications.

The ZeMaRail Diesel Starter battery is designed with quality in mind to boost your energy, when you need it the most.





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^{**}Refresh charge required when OCV is less than 2.10Vpc