

Proprietary AC Drive Inverter

HIGHER EFFICIENCY
AND LONGER LIFE



Proprietary AC Drive Inverter

PRESSURIZED
AND FILTERED
TO REDUCE
MAINTENANCE



Proprietary AC Drive Inverter

EVAPORATIVE
COOLED
MODULAR IGBT
PROVEN IN EMD
LOCOMOTIVES





AC Drive Dynamic Retarding

HIGHEST
CONTINUOUS
RETARDING
POWER

Variable Hydraulic Blower Fan

HIGHER POWER
TO THE GROUND
WITH REDUCED
PARASITIC



Variable Hydraulic Blower Fan

OPTIMIZED COOLING
EVEN AT IDLE

INCREASES
COMPONENT
PERFORMANCE
AND LIFE



Radial Retarder Grid

MODULAR GRIDS

EASY TO MAINTAIN AND
REDUCED COST



Radial Retarder Grid

AC ELECTRIC MOTOR
REQUIRES NO
REGULAR MOTOR
MAINTENANCE



Radial Retarder Grid

QUIETER, WEIGHS
LESS AND OFFERS
BETTER VISIBILITY
THAN BOX GRIDS





State-of-the-art High Voltage IGBTs

DELIVER MAXIMUM
AC DRIVE SYSTEM
EFFICIENCY

Dual Bearing Brushless Alternator

LONG LIFE
AND LESS
MAINTENANCE
WITH BETTER GROUNDING
AND NO SHIMMING

