

TRANSVERSE FLUX MOTORS

FOR DIRECT DRIVE E-BIKE &
S-PEDELEC PROPULSION



Higher Efficiency



Less Weight

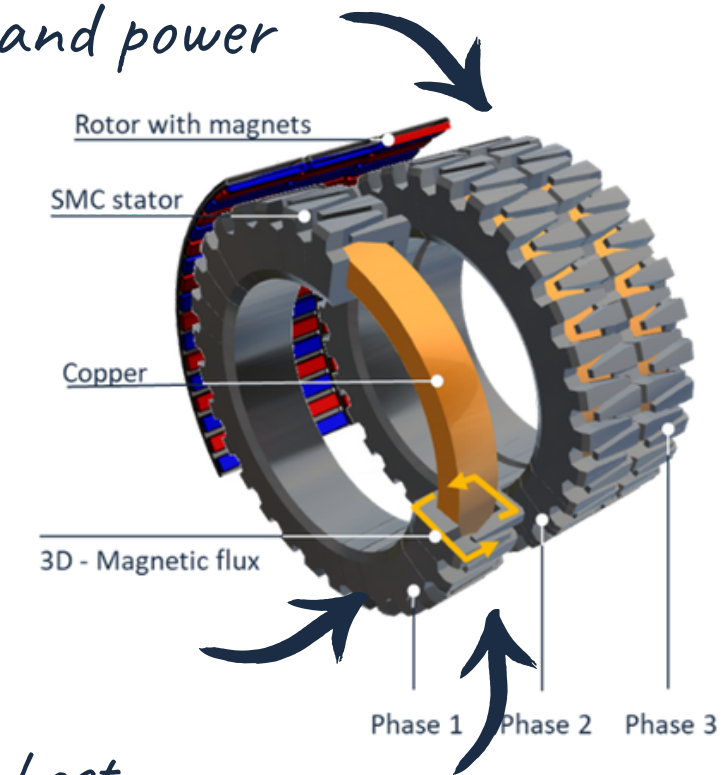


High Torque
Density

LET YOUR E-MOTORS RIDE ON

- ✓ Novel 3D magnetic flux TFM e-motor design
- ✓ Scalable ultimate torque density at low RPM
- ✓ Longer range and steeper climbs per battery charge
- ✓ Unique powder metal stator technology with 100% material utilization
- ✓ Very compact packaging / lowest per unit weight
- ✓ Cost efficient manufacturing, coil and assembly process

*Scalable number of magnetic poles
for maximum torque and power*



*3D magnetic flux design for best
weight/performance ratio*

*Single ring coil for cost
efficient assembly*



INDUSTRY
e-Bicycle

TECHNOLOGY
GKN TFM Technology

MATERIAL
Soft Magnetic Composites

