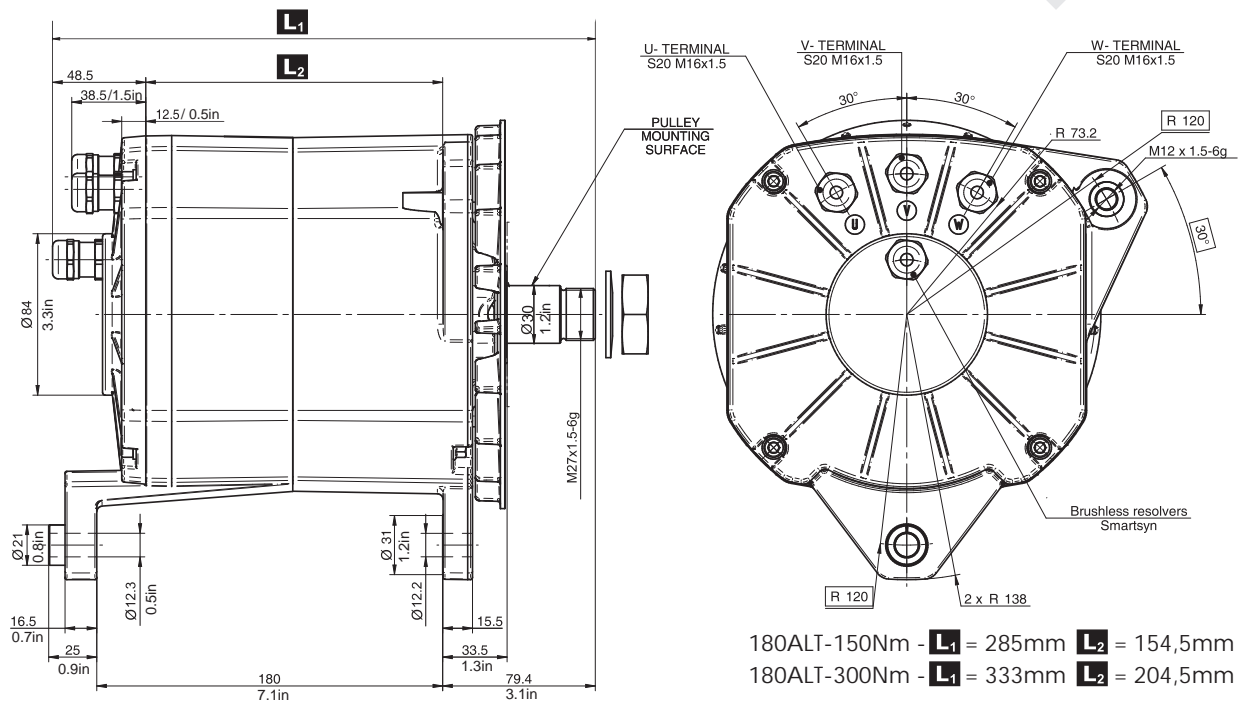


BRUSHLESS DC MOTOR-ALTERNATOR

The range of Alcott original design motors are manufactured to endure the requirements of the hybrid-electrical vehicles of the future. By applying our knowledge and expertise, we strive to contribute to the global effort for securing a green future by offering products that will support further development of efficient ecological vehicles and machines.



Features

- Air Cooling
- Innovative Windings with Reduced Electrical Loss
- Cost Efficient Design with Reduced Permanent Magnet Mass Rotor
- High Power to Weight ratio
- Improved Overall Performance (COP)
- High Efficiency

BRUSHLESS DC MOTOR ALTERNATOR

Performance Curve



Item	Battery V	Max torque Nm	Rated torque Nm	Max power kW	Rated power kW	Max speed RPM	Rated speed RPM	efficiency %	protection rotor	protection
180ALT-150 Nm	48	150	100	20	13	6000	1300	80	IP55	IP23
180ALT-300 Nm	48	300	200	36	25	6000	1300	82	IP55	IP23

Applications

- Coach & Transit buses
- Construction
- Emergency vehicles
- Industrial equipment
- Mining;



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