

DMC-1000 / DRIVER



DMC-1500 / DRIVER



DMC-3000 / DRIVER



E-Vehicle Traction Module



E-Vehicle Traction Module

Product Characteristic

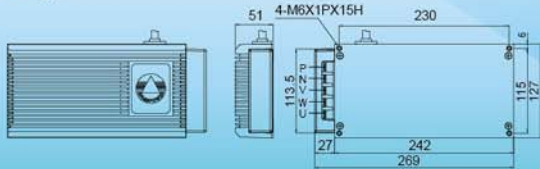
- Re-Generated braking
- Key switch
- Speed command / Torq. Control
- Safety switch
- Forward / Reverse
- Normal / Turbo selection
- Buzzer signals
- Fault LED
- Over current protection
- Motor / Driver over heat protection
- Low voltage protection
- Stall protection
- Motor phase to phase short circuit protection
- Accelerator initial detection
- Li-battery protection
- Power off detection

Motor Specification

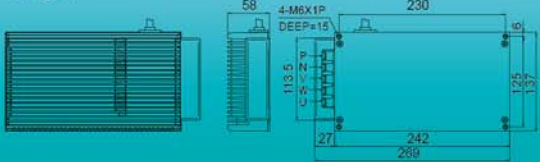
Model	DMC-1000	DMC-1500	DMC-3000
Rated Voltage	48VDC	48VDC	48VDC
Rate Output	1.1KW	1.5KW	3KW
Max. Current	62A	110A	148A
Peak Power	2.5KW	4.2KW	5.4KW
Peak Efficiency	≥92%	≥92%	≥92%
Peak Torque	5.5Nm	7.2Nm	9.8Nm
Hi-Torque Range	≥75%(≥3Nm)	≥88%(≥3Nm)	≥89%(≥3Nm)
Driving Method	Square Wave	Sine Wave	Sine Wave
DMC Dimension	Fig A	Fig B	Fig C
Driver Dimension	Fig 1	Fig 2	Fig 3

Driver Dimension

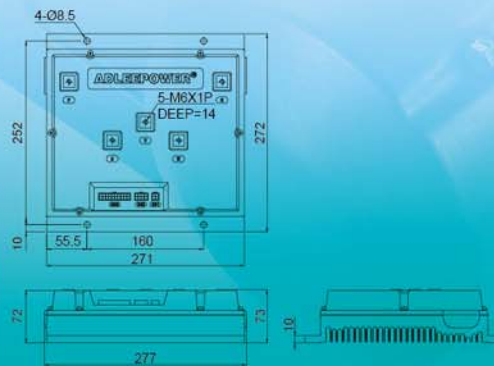
• Fig 1



• Fig 2

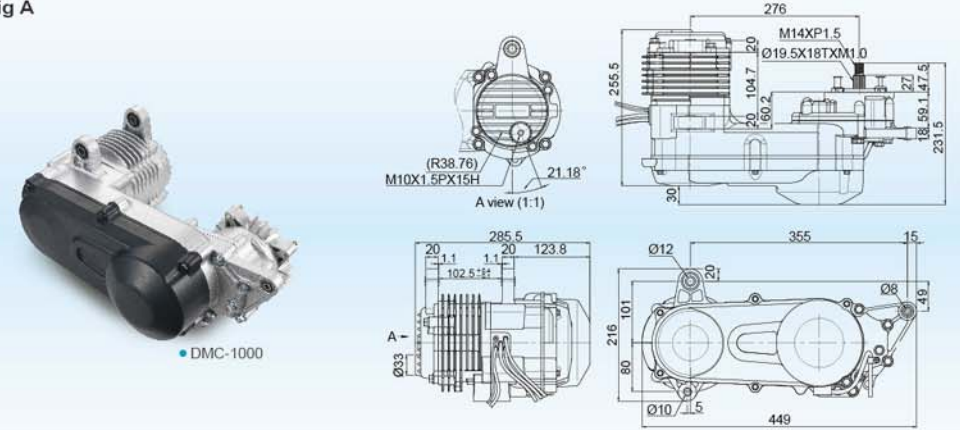


• Fig 3



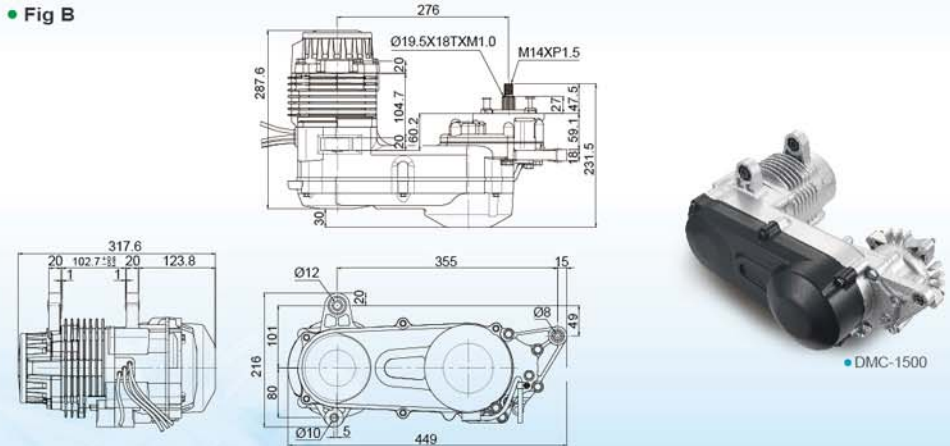
DMC Dimension

• Fig A



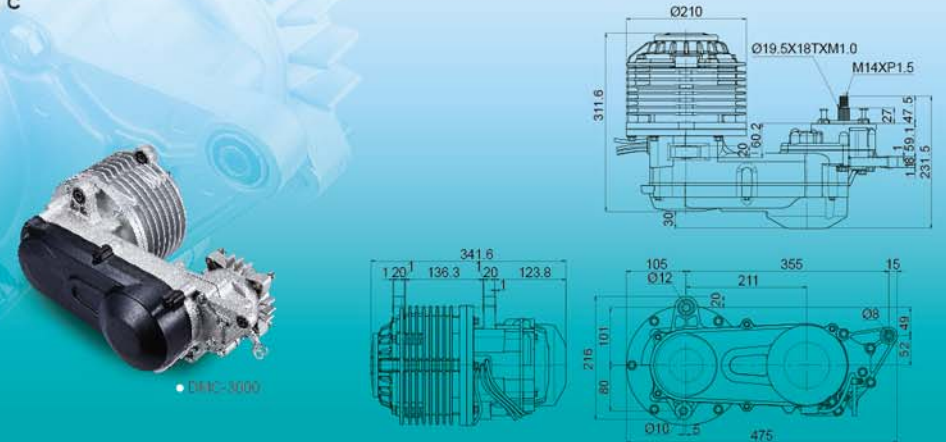
• DMC-1000

• Fig B



• DMC-1500

• Fig C



• DMC-3000