

# VE-Trac™ Direct

## Six-Pack Power Integrated Modules

### Single Side Direct Cooling

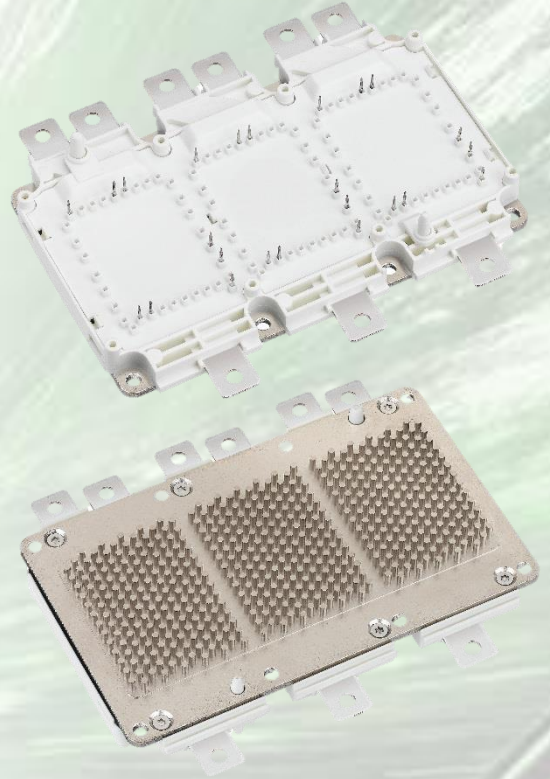
Six-pack configuration integrated power modules with highly compacted footprints for Hybrid (HEV) and Electric Vehicle (EV) traction inverter applications.

### Improved Reliability and Thermal Performance

New generation of press-fit signal pins are implemented to improve vibration, temperature shock, contact resistance, and mechanical performances.

Optimized Pin-Fin structure to further reduce the thermal impedance compared to other market solutions.

### VE-Trac™ Direct

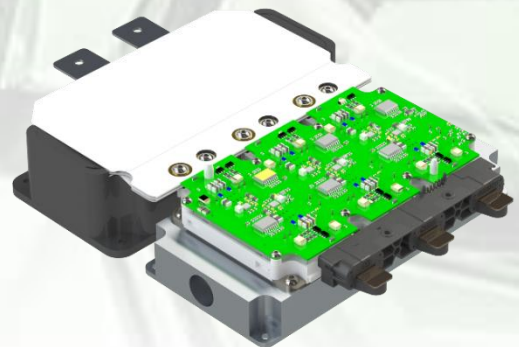


### Family of Products

Device	Current Rating	Voltage Rating	Package
NVH820S75L4SPB/C	820A	750V	VE-Trac™ Direct 6-Pack
NVH950S75L4SPB/C	400A	1200V	VE-Trac™ Direct 6-Pack
NVH660S75L4SPB/C	660A	750V	VE-Trac™ Direct 6-Pack
NVH600S75L4SPB C	600A	750V	VE-Trac™ Direct 6-Pack
NVH400S12L2SPB/C	400A	1200V	VE-Trac™ Direct 6-Pack

### Evaluation Inverter

- 750V, 820A 6-pack module with Narrow Mesa FS4 chip technology.
- Integrated high performance single side cooler.
- 6-ch gate driver with ON's NCV57000 isolated gate drivers with protection features.



ON Semiconductor®

