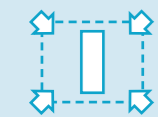


Comprehensive Product Line-ups

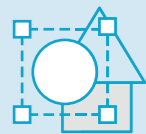
With LG Energy Solution's proven cell and module line-ups which are widely accepted in the EV market, flexible applications that cater to customers' different needs are feasible.

Module Solutions for Maximizing EV Space Efficiency

Compact battery volume allows for flexible height and width variations resulting in diverse module combinations, helping with more innovative EV designs.



- Compact & Slim Size

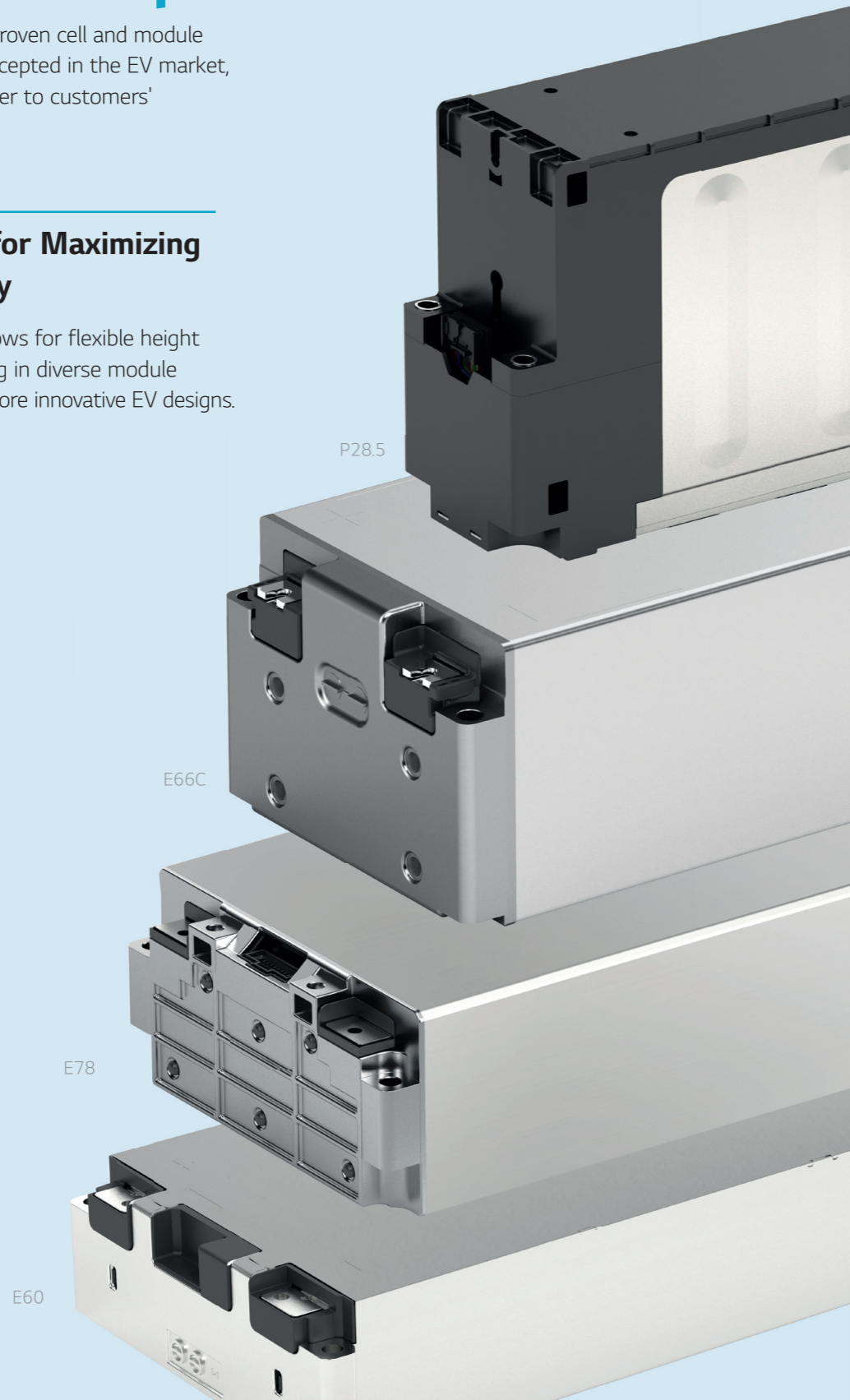


- Customizable Structure



- Higher Cooling Efficiency

Modules



Module Specifications

| Category | | Short Module | | Long Module | | Low Height Module | | |
|----------------------------|--------------------------|---|--------------------|--------------|--------------|-------------------|----------|-------|
| | | P28.5 1P12S | E66C 3P4S | E78 2P12S | E78 3P8S | E60 2P12S | E60 3P8S | |
| Image | | | | | | | | |
| Configuration | | 1P 12S | 3P 4S | 2P 12S | 3P 8S | 2P 12S | 3P 8S | |
| Performance | Capacity | Ah | 30.3 | 196.2 | 156 | 234 | 118.6 | 177.9 |
| | Nominal Voltage | Vdc | 43.2 | 14.68 | 44.04 | 29.36 | 44.04 | 29.36 |
| | Operating Voltage Range | Vdc | 30-49 | 12-17 | 36-51 | 24-34 | 30-51 | 20-34 |
| | Energy (Min) | kWh | 1.30 | 2.88 | 6.87 | 6.87 | 5.22 | 5.22 |
| | Energy Density (Min) | Wh/L | 223 | 453 | 487 | 487 | 460 | 460 |
| | | Wh/kg | 144 | 213 | 222 | 222 | 226 | 226 |
| | Max Charge Power (kW) | 10sec, SoC 50%, 25°C, BOL | 9.6 | 5.1 | 16.3 | 16.3 | 19.0 | 19.0 |
| | Max Discharge Power (kW) | 10sec, SoC 50%, 25°C, BOL | 8.2 | 12.8 | 34.7 | 34.7 | 25.0 | 25.0 |
| Quick Charge | | SoC 80% @30-45min, 25-35°C | | | | | | |
| Dimension | L*W*T (mm) | 385.6*86*175.7 | 390*151.6*107.5 | 590*225*108 | 580*233*84 | | | |
| Weight | kg | 9.0 | 13.5 | 31.0 | 23.0 | | | |
| Operating Temperature (°C) | | -30 - 55 | | | | | | |
| Storage Temperature (°C) | | -30 - 60 | | | | | | |
| Warranty | | 80% Capacity retention @8years, passenger car condition | | | | | | |
| Mass Production | | Poland('20-) | Poland/China('20-) | Poland('21-) | Poland('21-) | | | |

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