



- 1** Connect to the building's electricity network with a dedicated maximum connection power, e.g. 120kW.
- 2** LRM16/17, DC FastCharger and DC UltraFastCharger measure the current electricity consumption of the building and charge points in real-time. Free capacities are allocated to the charge points. If the energy requirement inside the building increases, Dynamic Chargecontrol automatically reduces the charging power of the charge points. This prevents expensive peak loads.
- 3** A/V-Meter: Via the A/V-meter, the EnerCharge charging terminals (see **2**) measure and compare the grid connection capacity and the energy requirement of the building and charging stations.

- 4 5** With Dynamic Chargecontrol, energy produced by a photovoltaic system or wind-power station can be integrated. This increases the available power capacity for the building and charging stations. You profit twice: the costs per charge as well as the charging time are decreased.

- 6** As an excellent addition, you can integrate a storage solution in order to increase the charging comfort while simultaneously reducing the connection power.
- 7 8** Fast and comfortable charging with smart green energy for electric cars, trucks, bikes, motorcycles etc.: The available power is dynamically distributed among the charge points. Load fluctuations are automatically balanced. The result: network-friendly and energy-efficient charging.
- 9** Energy consumption within the building by components such as air conditioning, lighting, IT etc.: If the energy consumption increases, Dynamic Chargecontrol automatically reduces the charging power at the charge points.