NEEY DG-Series Inductive Balancers

15 models, 2S to 24S · 2 A peak balance current · no external power supply

Model	DG-2S 2A	DG-3S 2A	DG-4S 2A	DG-5S 2A	DG-6S 2A	DG-8S 2A	DG-10S 2A	DG-14S 2A	DG-15S 2A	DG-16S 2A	DG-17S 2A	DG-19S 2A	DG-20S 2A	DG-21S 2A	DG-24S 2A
Cell count	2S	3S	4S	5S	6S	8S	10S	14S	15S	16S	17S	19S	20S	21S	24S
Peak balance current	2 A	2 A	2 A	2 A	2 A	2 A	2 A	2 A	2 A	2 A	2 A	2 A	2 A	2 A	2 A
Dimensions L × W (mm)	48 × 15	48 × 20	50 × 32	82 × 24	82 × 29	87 × 32	87 × 40	91 × 64	91 × 68	89 × 72	91 × 77	91 × 83	91 × 87	91 × 91	91 × 103
Weight	4 g	7 g	10 g	12 g	16 g	20 g	23 g	36 g	39 g	42 g	45 g	48 g	54 g	52 g	60 g

Common to every DG model

Balance method	Adjacent-cell inductive (matrix transformer) energy transfer
Start / stop threshold	Starts above 0.1 V neighbour delta · stops below 0.03 V
Balance current vs delta	0.5 A – 0.7 A between 0.1 V and 0.2 V · 2 A above 0.2 V
Balancing accuracy	30 mV neighbour delta (typical)
Battery types	NCM (ternary) / LiFePO4
Cell voltage range	3.0 V – 4.2 V
External power supply	Not required — runs on the pack's internal energy
Standby current	10 µA
Indicator LED	On = balancing active · off = balancing circuit asleep
PCB / finish	FR-4, lead-free hot-air solder level
Operating temperature	-20 °C to +60 °C
Warranty	1 year