



ePanda drive

ePanda S5-25 ¹	5kW 2500 rpm
Protection Class	IP44
Operating temperature	-20 to 35° C
Communication	CAN-Bus
Cooling	air
Size	390 x 242 x 265 mm
Weight	22 kg

ePanda Power Unit

14,4kW MG LFP 280A Kit	MGLFP240280
Protection Class	IP 40
Operating temperature charge	0 to + 45° C
Operating temperature discharge	-20 to + 55°C
Continuous charge current	280 A (1.0 C)
Continuous discharge current	280 A (1.0 C)
Cycle Life DOD 80% ²	> 3500
Communication	CAN-Bus, RJ45, M12
Cooling	air
Size	656 x 193 x 293 mm
Weight	53 kg

BMS Master LV 24-48 V/600A (m12)

Protection Class	IP 22
Operating temperature range	-20° to 50°C
Communication	CAN-Bus (Victron VE.CAN, NMEA2000, SMA)
Cooling	air
Size	426 x 225 x 117 mm
Weight	6 kg

KOP1001 48/18A

Protection Class	IP21
Max. output voltage	48 V
Nominal output current	66 V
Peak input current	8,6 A
Size	248 x 237 x 88 mm
Weight	3,9 kg

ePanda Control Unit

ePanda view GD2

Protection Class	IP65 (front), IP40 (rear)
Operating temperature range	-25 to 60° C
Communication	CAN-Bus
Display	LCD monochrome 128 × 64 pixels
Size	133 mm × 86 mm × 48 mm
Weight	400 g

¹Prototype data, minor modifications possible

²End-of-Life is 70% of initial capacity at 25 °C. Cycle life is depending on the battery temperature. Higher battery temperature will result in a lower number of cycles.