

50AH CELL



► Specifications

Battery Specifications

Panasonic

Reference		GPNCM28148100
Nominal Voltage		3.7V
Nominal capacity		50Ah
Working voltage		2.7~4.2V
Format		Prismatic
Type		NiCoMn
Internal resistance		0.6 ~ 0.8 mΩ
Life cycle		≥2000times
Energy Density		213 Wh/kg
Dimensions	Thickness	28±1.5mm
	Width	148±0.15mm
	Height	91±0.3mm(103mm)
Weight		Max.870g

Operating Conditions

Maximum constant charging current	50A
Peak charging current	100A
Maximum constant discharging current	100A
Peak discharging current	250A
Charging cut-off voltage	4.2V
Discharging cut-off voltage	2.7V
Charging temperature	-0°C ~ 45°C
Discharging temperature	-20°C ~ 55°C
Storage temperature	-10°C ~ 35°C

*Refer to the specification for usage limitation and electrical performance