SKYWORTH

DATASHEET



MR-RPC Series

Technical Data

Model	MR-RPC Low-voltage Battery

Main Parameter

Battery Chemistry	LiFePO4
Nominal Voltage	51.2V
Operating Voltage	43.2~57.6V
Capacity	5,120Wh
Charging Current	100A
Discharging Current	100A
Communications	CAN / RS485
Scalability	Max 63 units in parallel
Dimensions	442 x 490 x 133mm
Weight	42 kg
Working Temp	0°C~50°C
Store Temp	-20°C~55°C
IP Rating	IP20
Humidity	5%~95%(RH) No Condensation
Altitude	< 4500 M
Installation	Rack-Mounted
Warranty	10 years
Designed Life	10 years+
Certifications	IEC62619 / UN38.3 / CE / ROHS

Introduction

Skyworth SWR5.12RPC Lithium Iron Battery Pack, a groundbreaking energy solution designed for versatility, reliability, and rapid deployment. Engineered with a robust voltage of 51.2V and a substantial capacity of 5.12kWh, Skyworth SWR5.12RPC is perfect for a wide range of applications, from emergency power needs to dynamic energy storage solutions.

MR-RPC Series Accessories

Power cable set



1*2.5m 85mm² Power cable

2*3m Communication cable betweeen battery and inverter

SWR5.12 RPC Cabinets



14U cabinet for 4 units
SWR5.12 RPC



22U cabinet for 6 units
SWR5.12 RPC



44U cabinet for 12 units
SWR5.12 RPC



AIO RPC cabinet for 6 units
SWR5.12 RPC & 3 units inverter