



PowerTrolley Power Storage Series / OEM

for Home ESS, Industrial and Commercial Use



Redway Battery introduces Power Storage Trolley series that has applications in both Domestic and Commercial sectors offering backup power to Offices, Homes, Factories, and Businesses. Integrated with latest BMS Technology, our Power Storage wall brings you Safety, Reliability and high performance capability.



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for Home ESS, Industrial and Commercial Use



Model	PT48200	PT51200
Cell Type	LiFePO4	LiFePO4
Nominal Voltage	48V	51.2V
Nominal Capacity	184Ah	184Ah
Norminal Energy	8.83kWh	9.42kWh
Dimension (L*W*H)	770*220*542 mm 30.15*8.66*21.34 inch	770*220*542 mm 30.15*8.66*21.34 inch
Weight	76.5kg (168.65 lbs)	80kg (176.37 lbs)
Charge Cut-off Voltage	54.75V	58.4V
Discharge Cut-off Voltage	37.5V	40V
Maximum Charge Current	180A (1C)	180A (1C)
Maximum Discharge Current	180A (1C)	180A (1C)
Operating Temperature	Charging: 0°C ~ 60°C Discharge: -20°C ~ 60°C	Charging: 0°C ~ 60°C Discharge: -20°C ~ 60°C
Cycle Life (25°C @80%DOD)	> 8000 Cycles	> 8000 Cycles
Ingress Protection	IP21 (Higher grade optional)	IP21 (Higher grade optional)
Design Life	20 Years (10 Years Warranty)	20 Years (10 Years Warranty)
Communication	CAN/RS485	CAN/RS485
Compatible Inverters	Victron/SMA/Goodwe/Solis/SAJ/Growatt/Luxpower/SRNE/Voltronic/Deye/etc.	Victron/SMA/Goodwe/Solis/SAJ/Growatt/Luxpower/SRNE/Voltronic/Deye/etc.
Max. Parallel Connection	Up to 16 units	Up to 16 units
Certifications	UL 1642/IEC 62619/UN38.3/CE	UL 1642/IEC 62619/UN38.3/CE
Alarms	Overcharge/Over Discharge/Overcurrent/Over Temperature/Short Circuit	Overcharge/Over Discharge/Overcurrent/Over Temperature/Short Circuit

