



Low Voltage Mobile Energy Storage Battery Series



Product Highlights

Perfect Compatibility

Compatible to most inverter brands on the market.

Fast Installation

Plug & Play battery interface.

Safety

BMS & Breaker two Level protection.

Premium Cell

BTier one new Grade A only.

Compact Design

Mobile type with small footprint.

Long Life

10000 cycles long working lifespan.

Compatible With Inverter Brands

MACQUARIE	SOROTEC	GROWATT	DEYE	VITVON	SERMATEC
SMA	GOODWE	SREN	HuiNeng	iYPower	OUKITEL
Voltronic	Pylontech	MustPower	SAKO	Senergy	Felicity
LUXPOWER	GSSTES	ROBOROCK	Sunsunk	KSTAR	Solis

Model	TP-48200W	TP-48280W	TP-48300W	TP-48314W
Voltage(V)	43.2~58.4V	43.2~58.4V	43.2~58.4V	43.2~58.4V
Cell	3.2V200Ah	3.2V280Ah	3.2V300Ah	3.2V314Ah
Module	16S1P			
Number of parallel machines	15PCS			
Nominal voltage(V)	51.2			
Nominal Capacity(Ah)	200	280	300	314
Nominal Energy(kWh)	10.24	14.33	15.36	16.07
Maximum power output(kW)	10.24	14.33	15.36	16.07
suggestion discharge current(A)	150A	170A	170A	150A
suggestion charging current(A)	100A	120A	120A	120A
Recommended cut-off voltage (Min) (V)	48V(40V)			
Recommended charging voltage (Max) (V)	56V(58.4V)			
Cycles(25°C,0.5C,DOD80%)	≥6000			
Charging temperature(°C)	0~55			
Discharge temperature(°C)	-20~55			
Operating humidity	<95%R.H			
Communication mode	CAN/RS485			
Dry contact	Customized by demand			
Optional modules	Bluetooth, 4G module			
Product size(W*D*H,mm)	680*510*230	760*560*230	830*475*257	830*475*257
Packing size(W*D*H,mm)	815*587*315	885*640*290	985*560*453	985*560*453
Protection class	IP21			
System weight(kg)	Approx 90	Approx 120	Approx 122	Approx 144
Certification	IEC62619/UN38.3/MSDS			