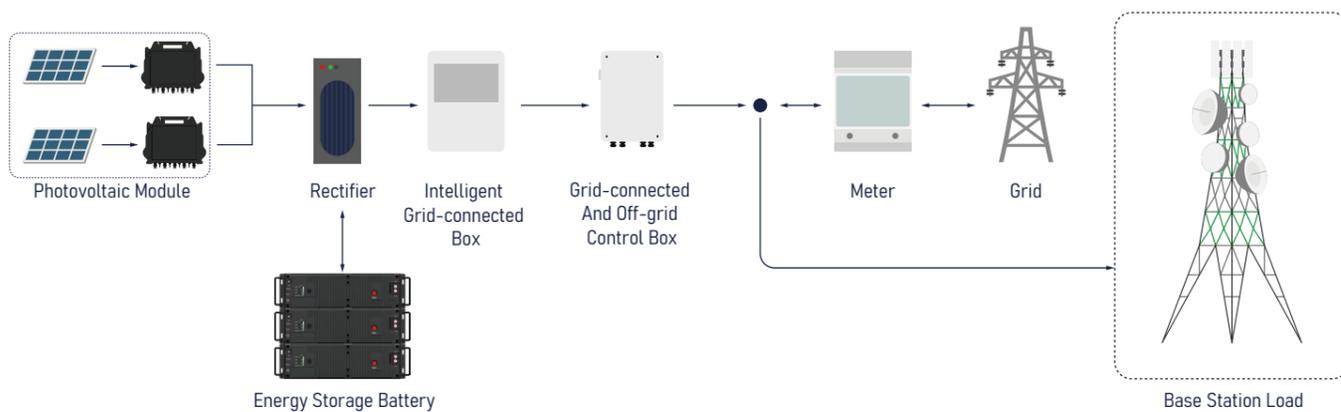


Lithium iron phosphate battery module with intelligent lithium control strategy developed and produced. It is mainly used in 48V communication power backup scenario, featuring maintenance-free, high specific energy and long cycle life.



MOKE48100-CT

TELECOM BACKUP LFP BATTERY SOLUTION



Multiple Protection Methods



Intelligent anti-theft Solution



DC-DC Function Compatible With Vrla & Old LFP Battery



High-rate Charge/Discharge



Long Design Life Up To 15 Years

SPECIFICATION

Models	MOKE48100-CT
Schematic Diagram	
Nominal Capacity	100Ah
Nominal Voltage	48V
Maximum Charge/Discharge Current	100A
Rated Charge/Discharge Current	150A@25°C
Maximum Charge/Discharge Power	4800W@25°C
Cycle Life	3500@0.5C 80%DOD at 25°C
Dimensions(W*H*D)	445*133.5*450mm
Weight	43kg
Operating Voltage Range	40.5V-54V
Discharge Cut-off Voltage	54.0V
Nominal charge Voltage	40.5V
Operating Temp. Range/Charge	0°C-60°C
Operating Temp. Range/Discharge	-20°C-60°C
Storage Temperature	0°C-45°C
Communication	RS485, CAN, 2Dry Contact
Function	Peak Shaving/Mix Up With Lead-acid/Normal Lithium Battery
Allowed Humidity Range	5%-95%
Atmospheric Pressure	70KPa-106KPa
IP	IP20
Altitude	<2000m
Protections	Overcharge/Overdischarge/Overtemperature/Overcurrent/Short Circuit etc.
Design Standard	UN38.3, CE-EMC, IEC62619

Disclaimer:

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