



FRONUS

LifePO4 Battery

Titan 5.12KWh

51.2V - 100A

Key Features:

BMS

Integrated Battery
Management System



Ultra-long cycle
life (>8000 Cycles
@70% DOD)



Flexibility Module
Design



Touchscreen
LCD



Environment
Friendly



Charge/Discharge
1C











Optimal Electricity
Cost



A+ Grade
Cell

PRODUCT DATASHEET

Battery type	LifePO ₄
Energy Storage	5120Wh
Rated Voltage	51.2V
Voltage Range	43.2V-58.4V
Max Charge Current	100A
Max Discharge Current	100A
Discharge Cut-Off Voltage	43.2V
Floating Voltage	57.6V
Cycle Life	>8000 cycles @ 70% DOD
Communication Port	RS485 / CAN
Work Temperature	-20°C ~ 55°C
HMI	LCD touchscreen + Status Light + SOC power indicators
Operation temperature	Charge: 0 ~ 45°C, Discharge: -20 ~ 45°C
Storage temperature	-20 ~ 30°C (12 months), 30 ~ 60°C (6 months)
Weight	N.W: 41.0 KG - G.W: 43.0 KG
Installation type	Wall / Floor / Rack mounting
Ingress protection	IP21
Cooling concept	Natural cooling
Humidity	20 ~ 85% RH (non-condensing)
Certification	IEC 62477, IEC 62619, IEC 60730, IEC 63056, IEC 61000, UN38.3
Warranty	5 Years
Compatibility	        Compatible With IP21 & IP65 Solar Inverters

