



VICTRON protocol compatible

D3665 PRO LIFEPO4 BATTERY DATA SHEET(38.4V/65Ah)

NMEA2000 COMPLIANCE



Communication protocol:
NMEA2000, CANBUS, 485



BATTERY TECHDATA

Store energy	2496Wh	
Rated capacity	65Ah	
Nominal voltage	38.4V	
Volt range	30V-43.2V	
Charge time	Standard	5.5h
	Rapid	1.5h
Charge method CC-CV	Standard	13A/42V
	Rapid	60A/42V
Max discharge current	Peak	250A
	Continuous	65A
Cycle life 0.5C,23°C/73°F	50%	>7000cycles
	100%	>2000cycles
Operating temperature range	Charge	0°C~45°C / 32°F~113°F
	Discharge	-20°C~45°C / -4°F~113°F
	Storage(1month)	-20°C~45°C / -4°F~113°F
	Storage(6month)	-10°C~35°C / 14°F~95°F
Water proof	IP67	
Flammability rating	UL94-V0	
Approx weight	21.3kg/46.9lbs	

Series & parallel connection
Series not supported. Up to 7 in parallel. Equalize voltages before connection. Contact manufacturer to parallel more units.

Length	Width	Height
378mm 14.9in	205mm 8.1in	257mm 10.1in

BMS PROTECTION

Balance	Current	50mA
	Activate volt	3.4 V/ cell
High temperature protection(MOSFET)	Protection	85°C / 185°F
	Release	60°C / 140°F
High temperature protection (cell)	Protection	60°C / 140°F (charge) 85°C / 185°F (discharge)
	Release	50°C / 122°F (charge) 60°C / 140°F (discharge)
Low temperature protection (cell)	Protection	0°C / 32°F (charge) -40°C / -40°F (discharge)
	Release	5°C / 41°F (charge) -30°C / -22°F (discharge)
Over-charge	Protection	45.6V (3.8V/cell)
	Release	43.8V (3.65V/cell)
Over-discharge	Protection	30V (2.5V/cell)
	Release	32.4V (2.7V/cell)
Short-circuit	Protection	800A
	Release	Remove load for the short circuit protection to release

APPLICATION SCENARIOS



BOAT



TROLLING MOTOR



DUMP TRAILER



TRAILER



MOTORHOME



HOME