

DATA SHEET



B-076105-16



GENERAL

Nominal Voltage	76.8V
Working Voltage	64.8V - 87.6V
Recommended Voltage	72V - 85.2V
Cell Count	24
Nominal Capacity	105Ah
Energy	8,064Wh
Reserve @25A	252 Minutes
Self Discharge	1% Per Month
IP Rating	IP67
BMS (Battery Management System)	Proprietary - EB

DISCHARGING

Max Continuous Discharge	300A
Max Discharge 5 Sec	750A
Max Discharge 10 Sec	550A
Recom. Voltage Cutoff	72V
BMS Voltage Recovery	69.6V
Discharge Temp Range	-20F to 140F

CHARGING

Auto Charger Wake-up	YES
Max Continuous Charge	<52A
Max Charge 30 Seconds	200A
Bulk/Absorb Voltage	85.2V
Float Voltage	84.0 or OffV or Off
BMS High Voltage Cutoff	88.8V
Charging Temp. Range	32F to 130F

COMMUNICATION

Bluetooth	Yes
CAN	Yes
Mobile App/PC	Yes
Software Updates	Over-the-air

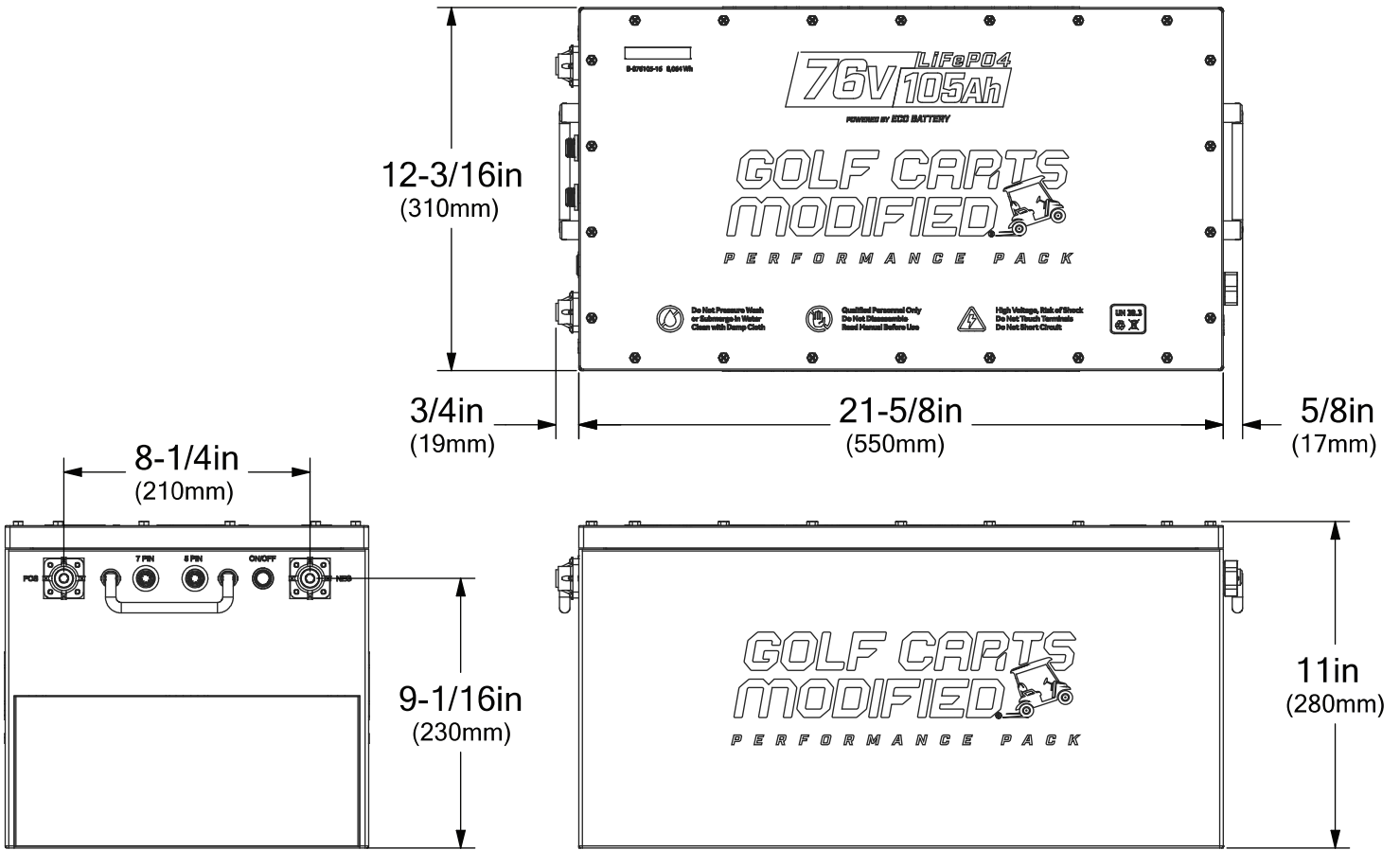
SAFETY

Charging Freeze Protection	Yes, Under 32F
Pack Over-Voltage	Yes
Cell Balancing	Yes
Pack Under-Voltage	Yes
Cell Under-Voltage	Yes
Cell Over-Temp	Yes
BMS Over-Temp	Yes
Short Circuit/Over Current	Yes
Certifications	UN38.3, UL1642 Cell

PHYSICAL

Cell Chemistry	Lithium Iron Phosphate
Cell Type	Prismatic
Cell Configuration	1P24S
Series Connectable	No
Parallel Connectable	Yes, up to 2
Weight	152 lbs (68.95Kg)
Dimension LxWxH	22" x 12.187" x 11"
Terminal Type	M8 Female
Shell Type	Powder Coated Steel
UN Shipping Class	UN 3480

POWERED BY



Torque Specs

M8 Terminal Bolts - 6ft/lbs (72 in/lbs)

