

TROLL-E



Model		PUL-TE SERIES	
Battery interface parameters	Nominal Voltage	51.2V	
	Capacity	60Ah	105Ah
	Backup hrs	Based on Load	
	Operating Voltage	42 - 58V	
	Rated Energy	3kWh	5kWh
	Usable Energy	2.8kWh	4.7kWh
	Power Module	Inbuilt	
	Continuous current	60A	100A
	Peak current	90A	150A
	Monitoring Parameter	Display, CAN, RS485, UART	
	Battery type	LiFePO4	
Over Discharge Protection	Over discharge detection voltage	3.0±0.1V	
	Over discharge detection delay voltage	1 Sec	
	Over discharge release voltage	2.8 ± 0.1V	
Over Current Protection	Over current detection	100 ±30A(per module)	
	Over current detection delay time	5mS	
	Over current protection condition	Off Load	
Short protection	Short circuit protection condition	Short circuit of external load	
	Short circuit detect delay	250 μS	
	Short circuit protection release	Off Load	
Environment	Working temperature	-20°C~55°C (>45°C derating)	
	Storage temperature	-40°C~70°C	
	Relative humidity	0%RH~95%RH, No condensation	
	Working Altitude	2000m; 2000m~4000m Derating	
	Noise	<75dB	
	Lifecycle	>3500	>3500
Noise	Communication	CAN/RS485	
	Isolation	No	
	Protection	IP54	
	Cooling	Air cooling, intelligent fan regulation	
	Maximum efficiency	98.5%	
	Dimension L*B*H	600*324*500mm	600*324*500mm
	Weight	~25kg	~35kg

*Dimensions and weight differ depends upon voltage & capacity
 *specification included in this datasheet are subjected to change without notice
 *Capacity depends upon customer required backup hours