

Model		PUL 1000-5K	PUL 2000-10K	PUL 3000-15K	PUL 4000-20K	PUL 5000-25K
Battery interface parameters	Voltage range	51.2(42 - 58V)				
	Capacity	105Ah	210Ah	315Ah	420Ah	525Ah
	Energy	5kWh	10kWh	15kWh	20kWh	25kWh
	Charging current	10A	15A	20A	25A	30A
	Discharging current	20A	40A	60A	80A	100A
AC parameters	Output line	1P+N+PE/1P+PE				
	Rated power	1kW	2kW	3kW	4kW	5kW
	Peak power	2kW	4kW	6kW	8kW	10kW
	Rated current	20.8A	41.6A	62.5A	83.3A	104.1A
	Rated voltage	220V				
	Voltage range	-10%~+10%				
	Rated frequency	50Hz/60Hz				
	Power factor	-0.9~+0.9				
	Output harmonics	≤3%				
	Charge - discharge Transition time	<100ms				
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				
Noise	Communication	CAN/RS485				
	Isolation	No				
	Cooling	Air cooling, intelligent fan regulation				
	Maximum efficiency	98.5%				
	Dimension L*B*H	650*250*330mm	650*250*560mm	650*250*790mm	650*250*1020mm	650*250*1250mm
	Weight	~70kg	~130kg	~190kg	~250kg	~310kg

*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