



Wall Mounted

Rack Mounted

Parallel Connection(MAX 16P)

FEATURES

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>6000
Cycle Life@25°C
- 

Automatic Wake-up
Under off-grid System Environment
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Smart Boost BMS
Self-developed BMS
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Remote Monitoring
Self-developed APP
- 

60A
Nominal Current
- 

New&Old Batteries can be used in together
Connect in Parallel
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Parallel
Adapting to series or parallel connection up to 16P
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Voltage Balancing
Voltage balancing between battery cells&battery pack

Technical Specifications

			
Model		VTL 6028M	
Total Energy*		6.028kWh	
Usable Energy(DC)*		5.43kWh	
Nominal Discharge/Charge Power		3.0kW	
Peak Power(Only Discharge)		5kW for 3s	
Nonimal Current		60A	
Peak Discharging Current		150A/2s	
Operator Voltage Range		44.8~57.6V	
Nonimal Voltage		48Vd.c (Boost 19.2 V to 48 V)	
Weight		47.5kg	
Dimension(L*W*H)		580*443*135mm	
Max.recommended DOD		90%	
Operating Temperature	Charge	From 0~50℃	
	Discharge	From -10-55℃	
WIFI Frequency Range		2.4GHz	
Recomended Humidity		<60%	
Over Voltage Category		II	
Cooling Type		Natural cooling	
Case Material		Metal	
Color		Black or White	
Installation		Wall mounting/Ground Installation	
Opertation Condition		Indoor&Outdoor	
IP Rating		IP 54	
Protective Class		I	
Max. Connection Number		16P	
Warranty		10 years	
Communication		CAN/RS485	
Protection Mode		Dual hardware protection	
Battery Protection		Over-current/Over-voltage/Short circuit/Under-voltage/Over temperature	
Safety		CE/TUV	
Hazardous Material Classification		9	
Transportation		UN 38.3	

Testing conditions based on temperature 25℃ at the beginning of life.
*Total Energy/Usable Energy measured under specific conditions from Voltlux 0.2C CC-CV.