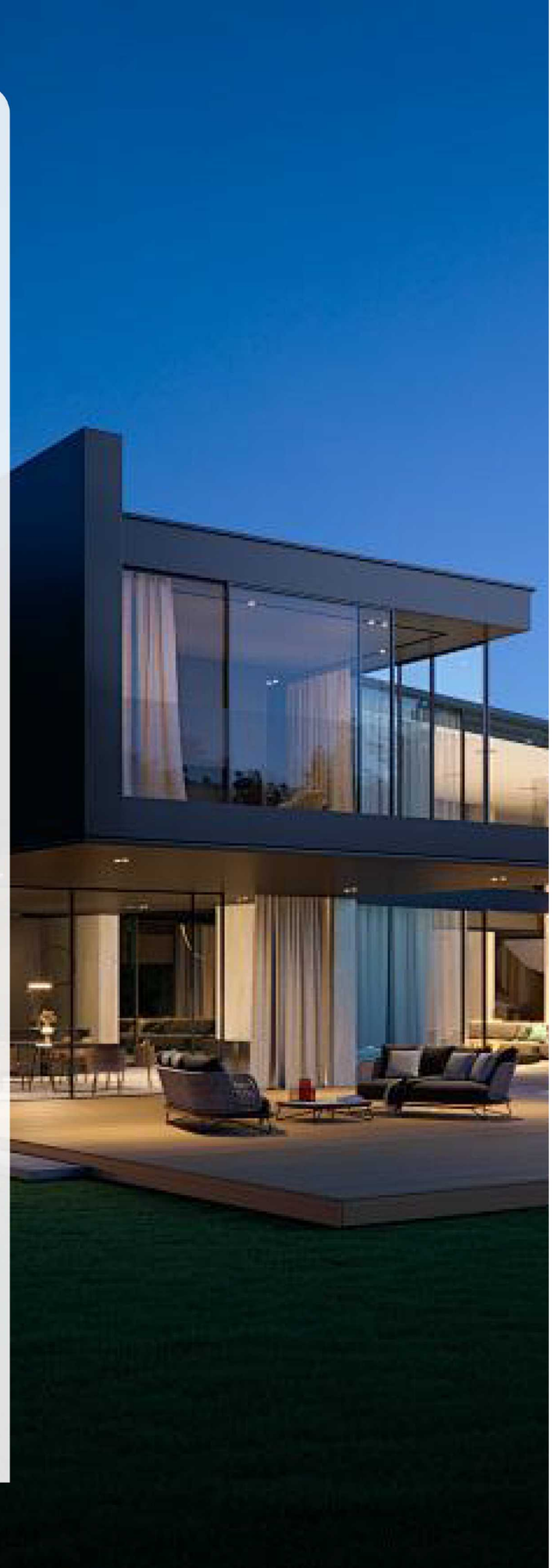
NSTFW 16K-HV

- The battery cells are designed horizontally, with a lower height. Up to 8 stacks n a single row, space-saving.
- The front of the battery pack is designed with a decorative cover, neat appearance.
- The battery pack adopts a stacked steel form, flexible layout.
- The main control box is equipped with a screen, intuitive viewing of parameters.
- Up to 17 battery packs can be freely connected in series and combined.



Rakcur Energy Storage Solutions

NSTFW-16K-HV

Model	51.2V314Ah-HV									
Main Parameter										
Cell Chemistry	LiFePO4									
Module Energy	16.08kWh									
Module Nominal Voltage	51.2V									
Module Capacity	314Ah									
Module Dimension	771*550*200(W/D/H,mm)									
Module Weight Approximate	118kg									
Battery Module Qty In Series	5 (Optional)	6 (Optional)	7 (Optional)	8 (Optional)	9 (Optional)	10 (Optional)	11 (Optional)	12 (Optional)	13 (Optional)	14 (Optional)
System Nominal Voltage	256V	307.2V	358.4V	409.6V	460.8V	512V	563.2V	614.4V	665.6V	716.8V
System Operating Voltage	232~288V	278.4~345.6V	324.8~403.2V	371.2~460.8V	417.6~518.4V	464~576V	510.4~633.6V	556.8~691.2V	603.2~748.8V	649.6~806.4V
System Energy	80.38kWh	96.46kWh	112.54kWh	128.61kWh	144.69kWh	160.77kWh	176.84kWh	192.92kWh	209kWh	225.08kWh
System Usable Energy (kWh)	72.34 (90%DOD)	86.81 (90%DOD)	101.29 (90%DOD)	115.75 (90%DOD)	130.22 (90%DOD)	144.69 (90%DOD)	159.16 (90%DOD)	173.63 (90%DOD)	188.10 (90%DOD)	202.57 (90%DOD)
Charge/Discharge Current	Recommend：160A									
	Max：200A									
Working Temperature	-10~55°C									
Cooling Mode	Fan Cooling									
Communication Port	CAN/RS485									
Humidity	5%~95%RH									
Altitude	≤2000m									
IP Rating of Enclosure	IP20									
Dimension (W/D/H,mm)	776*577*1505	776*577*1725	(776*2)*577*1065	(776*2)*577*1285	(776*2)*577*1285	(776*2)*577*1505	(776*2)*577*1505	(776*2)*577*1725	(776*2)*577*1725	(776*3)*577*1285
Weight Approximate	660kg	782kg	904kg	1076kg	1198kg	1320kg	1442kg	1564kg	1666kg	1808kg
Installation Location	Stack Mounting, Iron Frame Mounting									
Storage Temperature	0~35°C									
Recommend Depth of Discharge	90%									
Cycle Life	≥8000 times									
Warranty	5+5 years									
Certification	CE,MSDS,UN38.3									
The current is affected by temperature and SOC										