



ALFA

# ALFA-REX 48V| 14kw | 8 parallel expandable

## Parameters

Items	ALFA-REX
Nominal voltage	51.2V
Nominal capacity	280AH
Nominal energy	14.336KW
Usable energy	90%
Operating voltage range	46.5V - 57.0V
Charge voltage	56.0V
Float voltage	54.6V
Recommended charge current	60A
Max. charge current	100A
Recommended discharge current	100A
Max. discharge current	150A
Communication	RS485/CAN/Bluetooth
Peak discharge current	150~155A@5mins   155~157A@15S
IP rating	IP20
Cycle life	≥7000 cycles @90%DOD
Net weight	155.4kg
Dimension(W*H*D)	990*570.160mm
Cell type	Lithium-iron phosphate (LiFePO4)
Design life	10000 cycles
Operation temperature	-10~50 °C (14~122°F)
Storage temperature	-10~45 °C (14~113°F)
Relative humidity	5%~90%, No condensation
Install altitude	≤4000m
Install location	Indoor
Installation	wall mounted / Floor mounted