



ALFA

ALFA-DV 48V|5kw

|14 parallel

expandable



Items	ALFA-DV
Nominal voltage	51.2V
Nominal capacity	100AH
Nominal energy	5.1Kw
Usable energy	90%
Operating voltage range	46.5- 47.v
Charge voltage	56.0V
Float voltage	54.6v
Recommended charge current	30
Max. charge current	50
Recommended discharge current	30
Max. discharge current	100
Communication	RS485/CAN
Peak discharge current	101~119A@5mins 120~130A@15S
IP rating	IP20
Cycle life	≥6000 cycles @90%DOD
Net weight	42kg
Dimension(W*H*D)	422*471.130mm
Cell type	Lithium-iron phosphate (LiFePO4)
Design life	8000 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