



# CUBE-5.12-R

LiFePO4 Rack mount series

Model	CUBE-5.12-R
<b>Electrical</b>	
Rated voltage [V]	51.2
Rated capacity [Ah]	100
Energy storage [kWh]	5.12
Monthly self discharge	≤2%
<b>Standard Charge</b>	
Charge voltage [V]	58.4
Charge current [A]	50
Max. charge current [A]	100
Charge cut-off voltage [V]	58.4
<b>Standard Discharge</b>	
Discharge current [A]	50
Max. discharge current [A]	100
Discharge cut-off voltage [V]	44.8
<b>Environmental</b>	
Charge temperature	0 C to 50 C (32F to122F) @60±25% Relative Humidity
Discharge temperature	-20 C to 55 C (-4F to131F) @60±25% Relative Humidity
Storage temperature	0 C to 40 C (32F to104F) @60±25% Relative Humidity
<b>Mechanical</b>	
IP class	IP20
Material system	LiFePO4
Case material	Metal
Case Type	Rack
Dimensions W*D*H [mm]	440*490*170
Weight [kg]	47
Terminal	M8
Protocol(Optional)	CANBus/RS485/RS232
Display(Optional)	LED/LCD



# CUBE-5.12-W

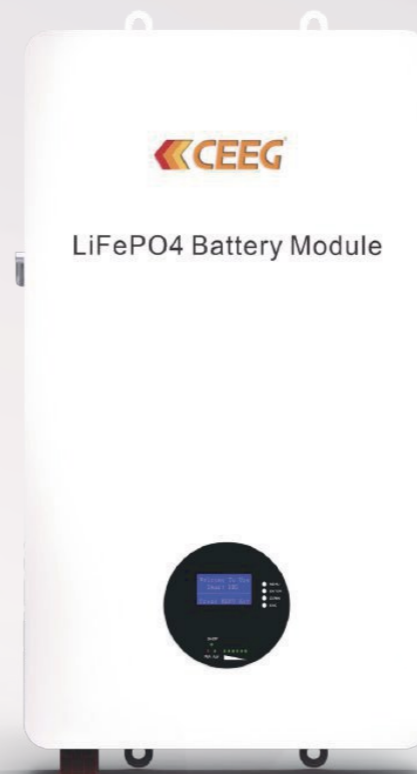
LiFePO4 Wall mount series

Model	CUBE-5.12-W
<b>Electrical</b>	
Rated voltage [V]	51.2
Rated capacity [Ah]	100
Energy storage [kWh]	5.12
Monthly self discharge	≤2%
<b>Standard Charge</b>	
Charge voltage [V]	58.4
Charge current [A]	50
Max. charge current [A]	100
Charge cut-off voltage [V]	58.4
<b>Standard Discharge</b>	
Discharge current [A]	50
Max. discharge current [A]	100
Discharge cut-off voltage [V]	44.8
<b>Environmental</b>	
Charge temperature	0 C to 50 C (32F to122F) @60±25% Relative Humidity
Discharge temperature	-20 C to 55 C (-4F to131F) @60±25% Relative Humidity
Storage temperature	0 C to 40 C (32F to104F) @60±25% Relative Humidity
<b>Mechanical</b>	
IP class	IP20
Material system	LiFePO4
Case material	Metal
Case Type	Wall Mounted
Dimensions W*D*H [mm]	410*155*590
Weight [kg]	48
Terminal	M8
Protocol(Optional)	CANBus/RS485/RS232
Display(Optional)	LED/LCD



# CUBE-9.6-R

LiFePO4 Rack mount series



# CUBE-10.24-W

LiFePO4 Wall mount series

Model	CUBE-9.6-R
<b>Electrical</b>	
Rated voltage [V]	48
Rated capacity [Ah]	200
Energy storage [kWh]	9.6
Monthly self discharge	≤2%
<b>Standard Charge</b>	
Charge voltage [V]	58.4
Charge current [A]	100
Max. charge current [A]	200
Charge cut-off voltage [V]	58.4
<b>Standard Discharge</b>	
Discharge current [A]	100
Max. discharge current [A]	200
Discharge cut-off voltage [V]	44.8
<b>Environmental</b>	
Charge temperature	0 °C to 50 °C (32F to 122F) @60±25% Relative Humidity
Discharge temperature	-20 °C to 55 °C (-4F to 131F) @60±25% Relative Humidity
Storage temperature	0 °C to 40 °C (32F to 104F) @60±25% Relative Humidity
<b>Mechanical</b>	
IP class	IP20
Material system	LiFePO4
Case material	Metal
Case Type	Rack
Dimensions W*D*H [mm]	550*440*250
Weight [kg]	80
Terminal	M8
Protocol(Optional)	CANBus/RS485/RS232
Display(Optional)	LED/LCD

Model	CUBE-10.24-W
<b>Electrical</b>	
Rated voltage [V]	51.2
Rated capacity [Ah]	200
Energy storage [kWh]	10.24
Monthly self discharge	≤2%
<b>Standard Charge</b>	
Charge voltage [V]	58.4
Charge current [A]	100
Max. charge current [A]	200
Charge cut-off voltage [V]	58.4
<b>Standard Discharge</b>	
Discharge current [A]	100
Max. discharge current [A]	200
Discharge cut-off voltage [V]	44.8
<b>Environmental</b>	
Charge temperature	0 °C to 50 °C (32F to 122F) @60±25% Relative Humidity
Discharge temperature	-20 °C to 55 °C (-4F to 131F) @60±25% Relative Humidity
Storage temperature	0 °C to 40 °C (32F to 104F) @60±25% Relative Humidity
<b>Mechanical</b>	
IP class	IP20
Material system	LiFePO4
Case material	Metal
Case Type	Wall Mounted
Dimensions W*D*H [mm]	485*155*860
Weight [kg]	94
Terminal	M8
Protocol(Optional)	CANBus/RS485/RS232
Display(Optional)	LED/LCD