



**MODEL :**  
**ES24-12**

(Notes : VDS certificate)

PHYSICAL SPECIFICATIONS	
Nominal Voltage Nominal Capacity(20HR)	12V 24Ah
Dimensions	Length 166+/-2mm(6.54inches) Width 175+/-2mm(6.89inches) Height 125+/-2mm(4.92inches) Total Height 125+/-3mm(4.92inches)
Weight	Approx. 8.7 kg(19.2 lbs)
Standard Terminal	Bolt terminal(M5)
	<p style="text-align: center;"><b>BOLT TERMINAL</b></p>

(12V24Ah)

**ELECTRICAL SPECIFICATIONS**

Capacity	20 hour rate(1.2A)	24Ah	Max. Discharge Current(5sec.)	360A	
	10 hour rate(2.25A)	22.5Ah			
Capacity affected by temperature	5 hour rate(4.08A)	20.4Ah	Constant-Voltage Charge	Cycle	
	1 hour rate(14.4A)	14.4Ah			Initial Charging Current less than 6A
	40°C(104°F)	105%			Voltage 14.40~15.00V at 25°C(77°F)
Internal Resistance Fully charged battery (25°C, 77°F)	25°C(77°F)	100%	Standby	Initial Charging Current less than 6A	
	0°C(32°F)	85%			Voltage 13.50~13.80V at 25°C(77°F)
	Aprox. 10mΩ				Temp. Coefficient :-4mV/°C/cell
			Temp. Coefficient :-3mV/°C/cell		

