TECHNICAL DATA SHEET

D24-20



Applications



1. Preface

This manual describes the type and size, performance, technical characteristics, warning and caution of the rechargeable pack. The specification only applies to 25.6 V 20 Ah pack supplied by Battery Supplies NV

2. Product and Model

2.1 Product: Lithium-ion Battery Pack

2.2 Model: LIT/D24-20 (26650-3.2V - 3200mAh - 8S 6P)

2.3 Picture And Output Wire (In order to prevail in kind)





Positive output	M6
Negative output	

TECHNICAL DATA SHEET

D24-20

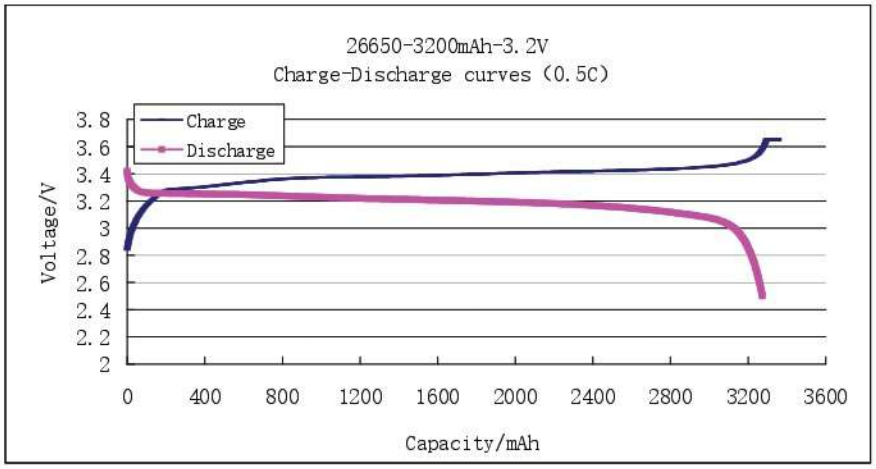
3. Battery Pack Specifications

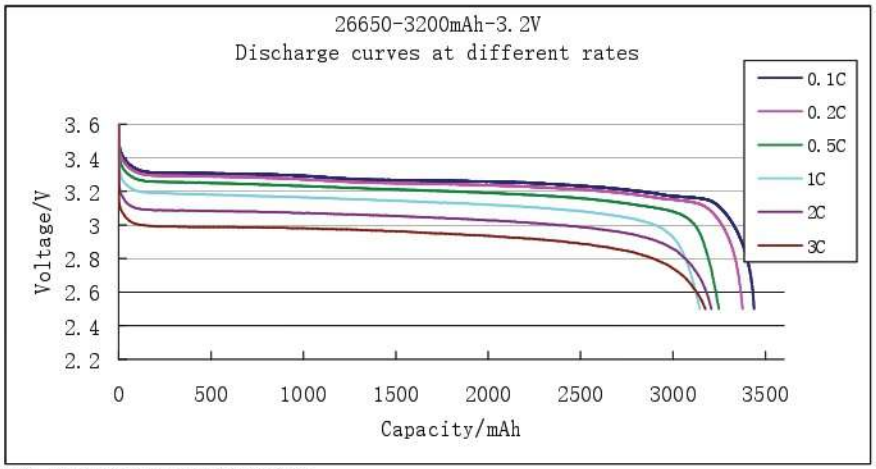
Items		Parameters
Nominal voltage		25.6 V
Typical capacity		20±1Ah(At 0. 2C discharge ra te)
Discharge	Normal current	10A
	Max continuous current	20A （cont.）
	Peak current	100A (2s)
	Cut-off voltage	About 20.0V
Charge	Voltage	28.8 ±0.15V
	Current	10 A
	Charge mode	CC/CV ， please use special lithium charger
Inner resistance	Discharg ing Inner resistance	≤ 80mΩ
Operati on temperature/ humidity range	Charge	0℃ ～+45℃
	Discharge	-20℃ ～+60℃
		When the environment temperature is higher than 45℃ ， please pay attention to ventilation and heat rejection.
	Humidity	RH ≤ 85%, When the environment humidity is higher than 85%， please pa y attention to protect
Protection function	Over charge voltage protection 、 Over discharge voltage protection 、 Balanced function 、 Temperature protection Peak discharge current protection	
Shell material	plastic	
Weight)	5.1 ±0. 1kg	
Size L*W*H	（135± 1） mm * （197± 1） mm* （172± 2） mm	
Cycle	S tandard charge at 0.2C （A）， rest 0.5~1 h ， discharge at 0.2C to cut off voltage， rest 0.5~1h ,repeat the abo ve steps until 1500 cycles. (capacity retention rate≥ 80%)	

TECHNICAL DATA SHEET

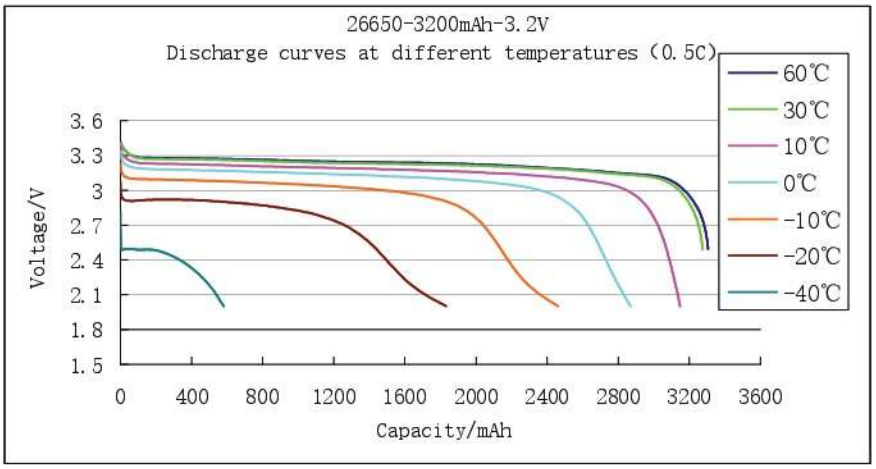
D24-20

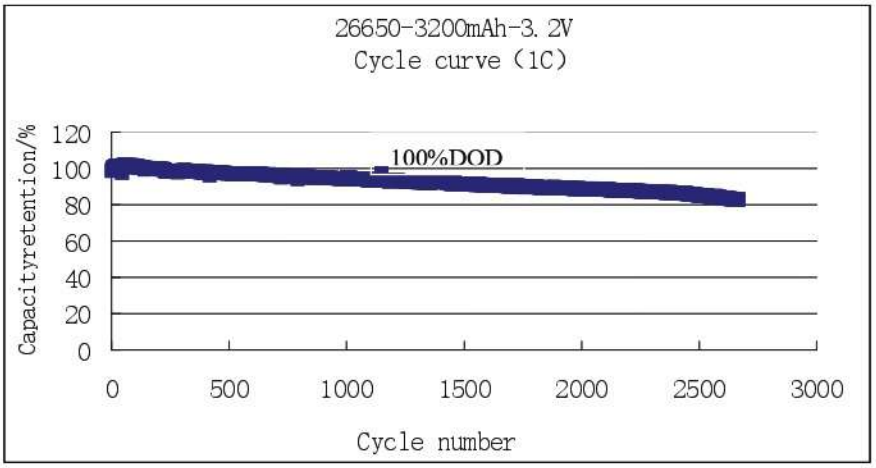
4.Characteristic curve





*** 2C - 3C discharge not allowed for battery**





5. Product Liability

Battery Supplies is not responsible for the incident caused by not obeying the M anual. B efore using the battery, you should read the specifications (The manual is divided into two parts), usage instruction and some attentions carefully to learn its application method and areas. If the phenomenon such as error using method or wrong circuit con nection, or input power data, working index are inconsistent with the M anual, cause damage to product, load and its accessories , we are not responsible for it.

Our company have the right to change the content of specification without prior notice ;

The final explanation of specification belongs to our company.